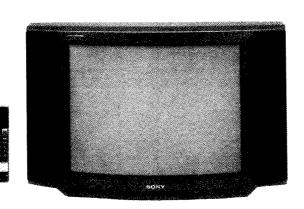
## **SERVICE MANUAL**



AEP Model

KV-C2521D Chassis No. SCC-D51E-A

Chassis No. SCC-D51D-A

AE-1B CHASSIS

Note: The service manual for RM-689 has been issued separately.

MODELS OF TH	E SAME SERIES
KV-C2521D/C2531D	
KV-X2531D	
KV-X2131D	

## **SPECIFICATIONS**

Television system B/G/H

Color system

PAL, SECAM, NTSC3.58, NTSC4.43

Channel coverage VHF: E2-E12

UHF: E21-E69

CABLE: S1-S41

Picture tube

Trinitron tube

Approx. 63.5 cm (25 inches)

(Approx. 59 cm picture measured diagonally

110-degree deflection

Inputs

Ö- 1 21-pin connector :

CENELEC standard including RGB input.

2 21-pin connector: including S video input

3 Video, Audio: phono jack.

Outputs

21-pin connector: CENELEC standard Headphones jack: stereo minijack External speaker terminals: 2-pin DIN Audio output jacks: phono jack (output

dependent upon TV settings)

MICROFILM

Sound output

15 W + 15 W (KV-C2521D)

30 W + 30 W

Power consumption 96 Wh (KV-C2521D)

101 Wh

**Dimensions** 

Approx. 769x492x478 mm (w/h/d)

Weight

Approx. 37.0 kg (KV-C2521D)

38.0 Kg

RM-689 Remote Commander (1)

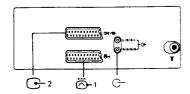
Supplied accessories IEC designation R6 batteries (2)

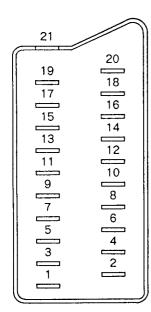
Design and specifications are subject to change

without notice.

TRINITRON® COLOR TV

## 21 pin connector (🖰 1, 🕒 2)





Pin No	1	2	Signal	Signal level
1	0	0	Audio output 8 (right)	Standard level: 0.5Vrms Output impedance: Less than 1kohm*
2	0	0	Audio input B (right)	Standard level: 0.5Vrms Input impedance: More than 10kohms*
3	0	0	Audio output A (left)	Standard level: 0.5Vrms Output impedance: Less than lkohm*
4	0	0	Ground (audio)	
5	0	0	Ground (blue)	
6	0	0	Audio input A (left)	Standard level: 0.5Vrms Input impedance: More than 10kohms*
7	0	•	Blue input	0.7V±3dB, 75ohms, positive
8	0	0	Function select (AV control)	High state (9.5-12 V): Part mode Low state (0-2 V): TV mode Input impedance: More than 10kohms Input capacitance: Less than 2 nF
9	0	0	Ground (green)	
10	0	0	Open	
11	0	•	Green	Green signal: 0.7V±3dB, 75ohms, positve
12	0	0	Open	
13	0	0	Ground (red)	
14	0	0	Ground (blanking)	
	0	-	Red input	0.7V±3dB. 75ohms, positive
15	_	0	(S signal) croma input	0.3V±3dB, 75ohms, positive
16	0	•	Blanking input (Ys signal)	High state (1-3 V) Low state (0-0.4 V) Input impedance : 75ohmes
17	0	0	Ground (video output)	
18	0	0	Ground (video input)	
19	0	0	Video output	1V±3dB, 75ohms, positive Sync: 0.3V (-3, +10dB)
20	0	-	Video input	1 V±3dB. 75ohms, positive Sync: 0.3V (-3, +10dB)
20	-	0	Video Input/Y (S signal)	1 V±3dB, 75ohms, positive Sync: 0.3V (-3, +10dB)
21	0	0	Common ground (plug. s	shield)

O connected

unconnected (open)

\* at 20 Hz-20 kHz

## WARNING !!

AN ISOLATION TRANSFORMER SHOULD BE USED DURING ANY SERVICE TO AVOID POSSIBLE SHOCK HAZARD, BECAUSE OF LIVE CHASSIS.

THE CHASSIS OF THIS RECEIVER IS DIRECTLY CONNECTED TO THE AC POWER LINE.

## SAFETY-RELATED COMPONENT WARNING!

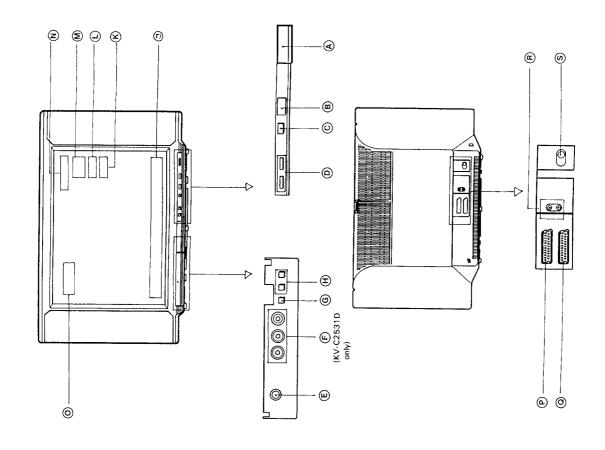
COMPONENTS IDENTIFIED BY SHADING AND MARK 

NON THE SCHEMATIC DIAGRAMS, EXPLODED 
VIEWS AND IN THE PARTS LIST ARE CRITICAL TO 
SAFE OPERATION. REPLACE THESE COMPONENTS 
WITH SONY PARTS WHOSE PART NUMBERS APPEAR 
AS SHOWN IN THIS MANUAL OR IN SUPPLEMENTS 
PUBLISHED BY SONY.

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# 1-1. FUNCTION OF CONTOROLS



(A) Power Switch (D)
Use it to switch the set on and off. When you switch the set on, the programme number of the station tuned in will be indicated in the on-screen display (M) for some seconds. In case of short breaks of operation, you can switch the set on and off using the Remote Commander (See »CONTROLS ON THE REMOTE COMMANDER»).

(B) Remote control detector (See »CONTROLS ON THE REMOTE COMMANDER»).

© & Standby/Reponse indicator
This indicator lights up when the TV set is in standby mode and it flashes each time the set receives signals from the Remote Commander.

② Stereo A/B indicators ○ During bilingual programmes one of the two indicators lights up, depending upon the selected channel A or B. When stereo programmes are broadcast both indicators light up. (See "CONTROLS ON THE REMOTE COM-MANDERs).

Jacks and control panel (front of set)
The jacks and the control panel are situated behind a cover.
Please press the arrow marking on the cover to open it.

# E C Headphones jack (stereo minijack)

Connect only stereo headphones.

Video input jack (phono jack) **⊕3** (yellow) Audio input jacks (phono jacks) ⊕ (red and white). (KV-C2531D only)

G Mode select button Use this button to select either the channel select mode, volume adjustment  $\Delta$  or the  $\Phi$  input mode

(H) Adjustment buttons +/Select at first the item to be adjusted using the Mode select
button (G) (P. channel select mode), \( \times \) (Yolume) or (\( \times \) \( \times \) (The select mode), \( \times \) (The select (input mode), then adjust the item by pressing the + or -

You can also use these buttons to reset the picture and sound adjustments to the factory-set levels. For this purpose press both buttons simultanteously.

When you repeatedly press button  $\textcircled{e}_1$   $\textcircled{i}_2$  on the Remote Commander, the following information will be indicated on the screen in turn:

① Picture and sound adjustment items:

① contrast, ② colour, ⇔ brightness, № bass, ♦ treble or

△ Labanco and their respectivelelests, as well as ≪ mute,

→ ← reset. ⊕ space sound. ✓ loudness and NICAM
indications, when the respective buttons are pressed.

When you press button 🗗 🔟 on the Remote Commander, the following information will be indicated on the screen:

# (K) TV-System: I (normal UK broadcast system)

## (L) Channel number

## M Programme number or input mode; ⊕1, 中, ⊕2, 每2, ⊕3;

# N Indication of the station name

 $\bigcirc \hspace{-0.5cm} \text{AV output indication; } 1 \bigcirc, 2 \bigcirc, 3 \bigcirc \text{ or } \text{TV} \bigcirc \text{ (see "CONTROLS ON THE REMOTE COMMANDER").}$ 

## Connectors on the rear

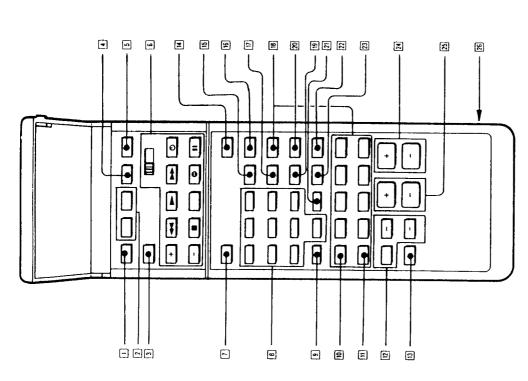
# (P) Euro-AV-connector 21-pin (3+2/6→2) For connecting a VTR, 8 mm video camera recorder, a video

disc player or in general devices with an S-Video-output.

# **© Euro-AV-connector 21-pin ்-1** For connecting a VTR, a computer etc. with RGB output.

(R) Audio-output-jacks (phono jacks)  $\ominus$ -For connecting audio equipment, e.g. an amplifier, so that the sound will be output at the audio equipment. In this case the volume is adjustable on the TV set.

## S Aerial terminal ™



# ON THE REMOTE COMMANDER

On the set there is a Remote Control detector (B), which receives the signals of the Remote Commander ◆ Preset-button Used for selecting the Preset mode. See »TO PRESET CHANNELS«.

Ξ

# 2

4) Preset mode: Used for tuning in stations in the Automatic Station Search: See "TO PRESET CHAN-Ē

TV-mode Used for fine-tuning a station Dec -ADDI-TIONAL FUNCTIONS«.

## Coo button (Clear)

Used for clearing programme positions, so that the position will be skipped when the PROGR +/- buttons are pressed. See #10 PRESET CHANNELS\*. <sub>20</sub>

♦ Store button: Used for storing channels. See "TO PRESET CHANNELS«

4

★ TV-system-select-button This button has no function.

2

# Video selector and video operation buttons

9

Used for operating Sony video equipment. For details see "OPERATING OTHER EQUIPMENT«.

## 

~

By pressing this button the sound of the set will be switched off and by pressing it once more the sound will be restored.

œ

the channel numbers (in the preset mode).
b) If the set is in the standby mode, press one of the a) Used to select programme positions or to input buttons 1-2 can be used to select the different output c) After pressing the output select button Gnumber buttons to switch it on. **Number buttons** 

Ø

In case of two digit numbers, press first this button and then the two respective number buttons  $\boxed{\mathbb{B}}.$ 

# Button for On-screen display

tuned-in will be indicated on the screen. The indications will disappear after some seconds with the exception of the programme number and label, which By pressing this button, information about the station will stay on the screen until the button is pressed once 0

## Time button ©

In TV-mode: If teletext service is broadcast on the selected channel, press this button to display the current time on the screen and once again to make it

## +/- Buttons for picture and sound adjustments 12

The picture and sound adjustments are stored as standard values. You have, however, the possibility to change them to your individual liking. Press the button repeatedly until the required item is indicated in the on-screen display. O contrast, Me colour, D-brightness, Ma The (only for NTSC colour system), D-bass, 4 treble or Malance. You can adjust the settings by pressing the + or - button. a) TV-mode:

b) Preset-mode: Use these buttons to name a station. See »TO PRESET CHANNELS».

## → • ← Reset-button

3

By pressing this button the picture and sound adjustments are reset to the factory-set levels

## ◆ Standby-button

4

Press this button to switch the set into standby-mode. You can switch it on again by pressing the TV-button of or one of the number buttons a. To return to the telefext mode, press a few and be a slight delay before the picture is restored.

## Note

Use the Standby-button [14] only when switching the set off for a short period of time. If the set will not be used for a longer span of time, switch it off by using the Power switch (A)

## ( Input-Select-Button

Press this button to select the audio- or video-signals input at the various input connectors. With each pressing of the button a different connector is selected. The following indications will appear sequentially: 15

 $\textcircled{-}1 \rightarrow \overleftarrow{\boxdot} \cdot (RGB) \rightarrow \textcircled{-}2 \rightarrow \textcircled{-}3 \rightarrow \textcircled{-}3$ TV Mode ▲

## O TV-Button

When pressing this button the set returns from standby, video input- or teletext mode to the TV-mode. [9]

## Output-Select-Button Output-Selec

Press this button to select the audio- or video signals to be output at the CATE connector. With each pressing of the button a different output source will be selected. The following indications appear sequentially: 17

Q, 2Q, 3Q, TV ⊕

## These buttons are used for teletext operation. See Teletext operation buttons "VIEWING TELETEXT".

By pressing this button the high and low tones will be emphasized. Press the button again to restore the normal sound. The indications on the screen will be V (ON) or W (OFF). 

## A/B button

Usually the dubbed version is broadcast on channel **A** and the original sound is broadcast on channel **B**. In the video input mode (Euro-AV-connectors) this possibility of selecting channels also exists for stereo To select the audio channel of bilingual programmes. 20

## C (Channel select) button

Use this button for direct channel tuning in the TV-mode. See "ADDITIONAL FUNCTIONS". 51

## This button has no function on this set. 22

⊕ Space sound button
Press this button to obtain special acoustic effects.
Press it again to restore the normal sound. The indications on the screen will be ⊕ (on) or ⊕ (off). 23

grammmes up- or downwards.

Preset mode: Use these buttons to scan the available TV-mode: Use these buttons to scan the available prochannels up or downwards. PROGR +/- buttons 24

## +/- buttons for adjusting the volume 35

# Battery compartment (on the rear)

56

# 1-2. TO PRESET CANNELS

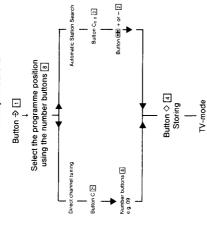
Use the buttons on the Remote Commander for presetting. In total there are 60 programme positions at your disposal for storing channels.

There are two different ways of tuning in channels:

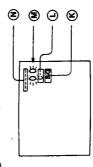
## 1. Direct Channel Tuning

f you know the channel number of a station you can input it

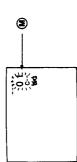
2. Automatic Station Search
The set searches automatically for stations.



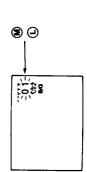
1. **Direct Channel Tuning**1. 1. Press the Preses button  $\mathfrak{D}$  ... You are now in the preset mode of the set. The programme number in the on-screen display (**M**) starts blinking.



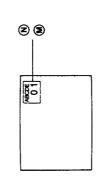
2. With the buttons PROGR +/-[2] or the number buttons [3] you can select the programme position. In case of two-digit numbers, press first the button -/-- [3] and then the two number buttons.



3. Press button C [2] . The indication "C" and the channel number start blinking in the display (L). Select the channel number with two digits (e.g. 22) using the number buttons <u>@</u>



**4.** Press the button  $\lozenge$  4 in order to store the channel and to return to the TV-mode.



If you want to store further channels, repeat the steps 1 to 4.

## 2. Automatic Station Search

1. Press button ⇒ 🗓 You are now in the preset mode of the set. The programme number in the on-screen display 🔞 starts blinking. 2. With the PROGR buttons +/-[24] or the number buttons [3] you can select the programme position. In case of two-digit numbers, first press button -/-[3] and then the two number

3. If there is already a stored station on the selected programme position, press button C 3

station search. The search will be interrupted as soon as a station is tuned in. Press the tuning buttons repeatedly until 4. Press one of the tuning buttons 4 +/- 2 to start the you find the desired station. **5.** If you have found the desired station, press button  $\Diamond$  [4]. Now the selected station is stored and you are back in the

If you want to store further stations, repeat the steps 1-5.

Skipping of unused programme positions Using button C.o. 3 you have the possibility to skip unused programme positions (e.g. without a stored station), when pressing the buttons PROGR +/-  $\boxed{\mathbb{Z}}$  on the Remote

The skipped programme position still appears when you

# If you want to name a station After presetting the stations you have the possibility to name

them. The selected name will appear in the on-screen display (N).

1. Press the preset button 🕹 🗓

2. Press the button [1] [2]. The first column of the station name starts blinking. Press either button + or - [2] and select the desired character (number or letter, 0-9, A-Z, or

3. Press button (1) 12 again. Now the second column starts blinking and you can select the second character. In this way five characters can be selected.

Press button ◊ 4 to store the station name.



 If you press a wrong programme or a channel number, an "x" will be displayed on the screen.

button should be pressed within 5 seconds after the first When pressing two number buttons, the second number one, otherwise the operation will be cancelled.

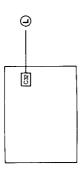
## ADDITIONAL FUNCTIONS

# Direct Channel Tuning in the TV-mode

You have the possibility to tune in channels directly when the set is in the TV-mode without storing these channels. Example: If you tune in channel number 32 and then switch the set off or change the programme position, this channel will be cancelled.

1. Press the button C ☑. In the display ( C) the indication »C«

2. Select the channel number with two digits using the number but both of the selection (e.g. for channel 4 press first 0, then 4). The indication on the screen will disappear within some



## Manual Fine Tuning

possibility to deactivate the Automatic Fine Tuning, which is usually in operation during presetting in order to tune in the If the reception of a channel is not satisfactory, you have the best possible picture.

Press one of the tuning buttons 4 +/- 2 to fine-tune a channel. The Automatic Fine Tuning will be restored when the respective programme position is pressed once again

1. Press button 🕀 🗓 . You are now in the preset mode of the

2. Use the buttons PROGR +/- [21] to select a programme position, which you want to have skipped.

3. Press button Coo 3

4. Press button ♢ ☑ to store the cleared programme position and to return to the TV-mode.

press the number buttons <a>[8]</a> on the Remote commander



Notes

If you press the preset button ⇒ I instead of button
 △ Interest will return to the TV-mode without storing the

channels.

## VIEWING TELETEXT 1-3

To view the teletext service, use the Remote Commander. The buttons for teletext operation are indicated in green

## Operation

- Select the TV channel for the desired teletext service. If the signal is weak, teletext errors often occur.
  - 2 Press ( TEXT/MIX) to display the teletext service.
- buttons. If an error is made, complete the three-digit sequence by keying in any digit. Then, re-enter the correct 3 Key in the three digits of the desired page using the number page number.

The requested teletext page is displayed.

# fo return to the TV mode, press TV 🕫 on the Remote Com-

The teletext service can be displayed directly from the standby mode by pressing (a) ((EXT/MIX).

# To receive the teletext service of a different TV channel 1 Press TV III of terrun to the TV mode. 2 Select the desired TV channel. 3 Press @ v@ (TEXT/MIX).

Note

Buttons not referred to in the text do not operate.

## To request the index page Press (I) (INDEX).

if the necessary signal is not being broadcast, page 100 is displayed

To access the next or preceding page Press ௵ (PAGE +) or ৷৷ (PAGE →).

To superimpose the teletext display on the picture (MIX) Press ⊜ / ❷ twice from the TV mode. Press ⊜ / ❷ again to return to the TEXT display.

# To suppress the teletext display so that the picture is

Press (Rext clear). This button can be operated from both

the text and mix displays.

To prevent a teletext page from being updated/changed Press ֎ (HOLD). The HOLD symbol appears on the screen. To resume normal teletext reception, press ֎ / ❷ (TEXT/MIX).



To resume normal teletext reception, press (2) (2)

## To enlarge the teletext display

Press (a) once to enlarge the upper half of the display, press again to enlarge the lower half of the display. And press again to return to the normal display.

# To reveal concealed information such as answers to a quiz Press (?) (REVEAL).

Press again to conceal the answers

## To watch the TV programme while waiting for a requested page to be displayed

## FASTEXT Operation

Request the new page

FASTEXT Teletext enables you to access pages quickly and conveniently with one key operation. appear at the bottom of the screen. Each coloured prompt relates to the coloured keys on the Remote Commander. Pressing one of these will select the page described by the

## 2 Press (3) to watch the TV programme. The requested page number and other data appear at the top of the screen. When the requested page has been captured, the page number is displayed in the top left hand corner of the screen.

P101

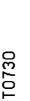
To view this page, press (\*) (\*)

# To have a requested page displayed at a pre-determined

- 1 Request a time coded page (e.g. alarm page).
  2 Press ເຝ (TP ON).
  1 ★ ★ ★ \* \* will appear at the bottom of the screen.



3 Enter your request time with the number buttons, using four digits. For example, 07.30:



To watch the TV programme until the requested time, press © (TEXT CL). At the requested time, the page number will be displayed at the bottom of the screen. To view this page, press @ ! © . To view this page, press @ ! To cancel the request, first ensure that the teletext page is displayed, then press ® (TP OFF).

Selection may also be made by entering the three digit page

number in the normal way.

Correct FASTEXT operation relies on the necessary signals being transmitted by the Broadcasting Authorities. It is possible that some Broadcasters will not support this transmission If FASTEXT is not transmitted, the decoder will operate as outlined above

**OPERATING OTHER EQUIPMENT** 

4.

# To view the input picture Press the ⊕ Is button repeatedly until the desired input signal indication appears on the screen.

Ö+1; to view the RGB signal (i.e. from a computer, etc.) input through the ঊ+1 connector.

(子 2: to view the audio and video signal input through the (子 2/色- connector on the rear.

2: to view the S video signal (from a VTR equipped with an S video output) input through the 3-2/6- connector.

 $\Theta$  3: to view the audio and video signal input through the  $\Theta$  3 connectors and the audio input jacks  $\Theta$  (yellow, white and red) on the front.

You can also select the desired input mode using the buttons on the front of the set. Select the  $\mathbb G$  mode with the mode select ( $\mathbb P\to \Delta\to \mathbb G$ ) button 0 then press +/button.

To return to the TV mode, press the TV-button [16].

# To select the signal to be output from the ⊕•2/ ⊕- con-

Press the — button In repeatedly until the desired output source is indicated on the screen:

1 ⊕: The audio and video signal input through the Ö+1 connectors is output from the @ 2/6 connector

2 ᠿ:The audio and video signal input through the ᠿ•2/। connector is output from the ᠿ•2/। connector **3**  $\bigcirc$ : The audio and video signal input through the  $\bigcirc$ -3 connectors is output from the  $\bigcirc$ -2  $\bigcirc$ -2 connector.

TV ⊕: The audio and video signal input through the Tr aerial terminal (i.e. usually the TV signal) is output from the ♣ 2/€ connector.

The indication will disappear after a few seconds.



The TV-signal is always output at the EURO-AV connector Ö=1.

To operate Sony video equipment
The video operation buttons a on the Remote Commander
can operate certain VTRs and video disc players manufactured by Sony

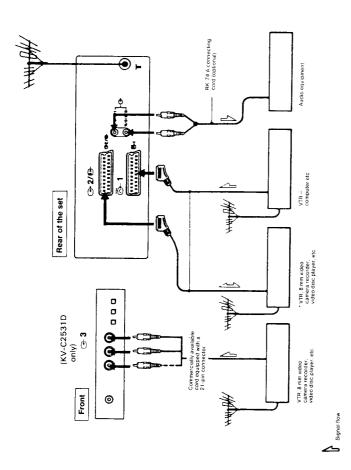
1. Switch the video selector to the desired position. VIDEO 1: to operate Sony Betamax VTR and SLV 202 VHS. VIDEO 2: to operate Sony 8 mm VTR. VIDEO 3: to operate Sony VHS VTR.

MDP: to operate Sony video disc player including a multi

2. Press the operation button(s) to start operation. PROGR +/-: to select the desired programme on the VTR.

- ▶ : to start playback, or to release the pause mode.
- : to stop the tape or the disc
- to rewind the tape from stop mode or to rapidly go back to the desired position on the disc or tape from playback mode ¥
- to fast forward wind from stop mode or rapidly advance the tape or disc to the desired position from playback mode 1
- to start recording on the VTR Be sure to press this button and the one on the right simultaneously
- to switch the video equipment on and off Ð
- to stop the tape or the disc temporarily (pause) Press again to release pause mode =

# 1-5. CONNECTING OTHER EQUIPMENT



Connect the S video output of the VTR, etc. here.

## Notes

- It is also possible to connect a VTR using the Tr terminal.
   In this case, connect the aerial to the aerial terminal of the VTR.
  - Move the VTR away from the TV if the picture or the sound
- is distorted.

   Computers which have RGB output only can be connected to the 👸-1 input connector.

S video input (V/C input) (Etheropea) Wideo signals may be separated into Y (luminance or brightness) and C (chrominance) signals.
Usually these two signals are combined in a VTR and output as one signal, and supplied to a TV. Separation of the Y and C signals prevents them from interfering with one another, thereby improving picture quality (especially in luminance). This set is equipped with a S video input through which these separated signals can be input directly.

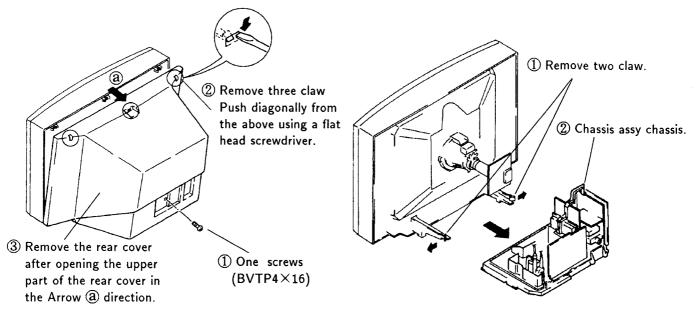
Connect the S video output jack on the VTR to the S video input on this set.

Note: Not all VTR's are equipped with S video output capability. (Refer to VTR operating manual.)

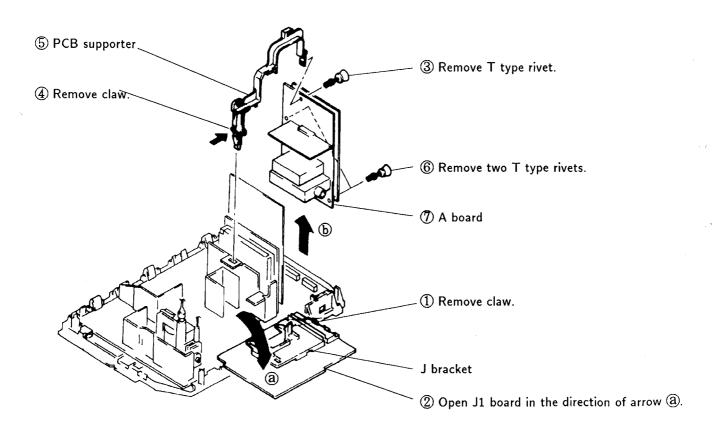
## SECTION 2 DISASSEMBLY

## 2-1. REAR COVER REMOVAL

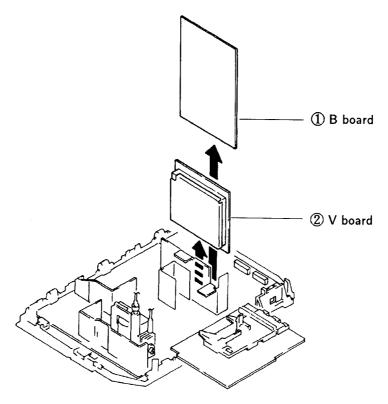
## 2-2. CHASSIS ASSEMBLY REMOVAL



## 2-3. A AND J1 BOARDS REMOVAL

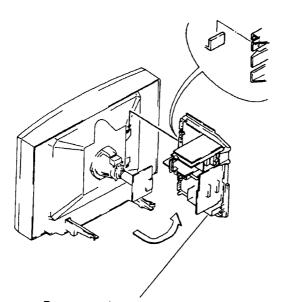


## 2-4. B AND V BOARDS REMOVAL

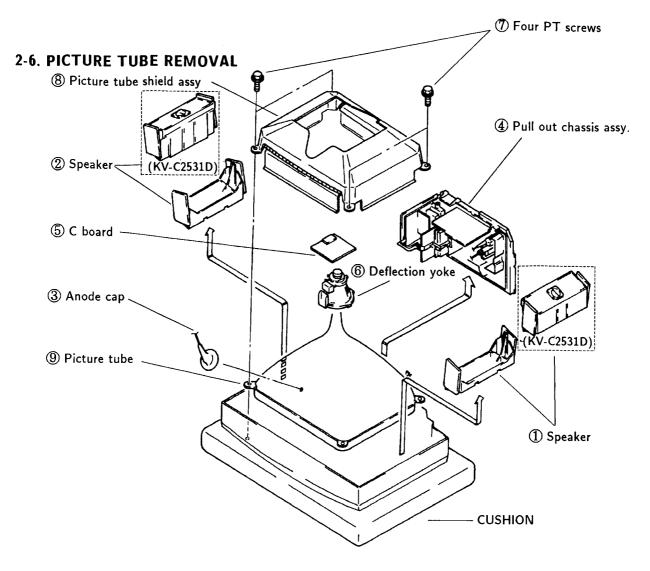


## 2-5. SERVICE POSITION

\* Remove the connector bracket and then perform the following servicing. (Refer to 2-2. CHASSIS ASSEMBLY REMOVAL.)

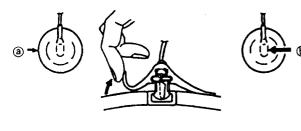


Remoce main chassis in the arrow direction.



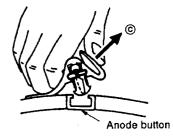
## · REMOVAL OF ANODE-CAP

## REMOVING PROCEDURES



① Turn up one side of the rubber cap in ② Using a thumb pull up the rubber cap the direction indicated by the arrow ②.

Graph of the rubber cap in the direction indicated by the arrow ③.

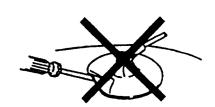


When one side of the rubber cap is separated from the anode button, the snode-cap can be removed by turning up the rubber cap and pulling up it in the direction of the arrow ©.

## HOW TO HANDLE AN ANODE-CAP

- ① Don't hurt the surface of anode-caps with sharp shaped material!
- 2 Don't press the rubber hardly not to hurt inside of anode-caps! A material fitting called as shatter-hook terminal is built in the rubber.
- ③ Don't turn the foot of rubber over hardly! The shatter-hook terminal will stick out or hurt the rubber.





## SECITON 3 SET-UP ADJUSTMENTS

- When complete readjustment is necessary or a new picture tube is installed, carry out the following adjustments.
- Unless there is specific instruction to the contrary, carry out these adjustments with the rated power supply.
- Unless there is specific instruction to the contrary, set the controls and switches this way:
  - ① Contrast .....80%

(or remote control normal)

₿ Brightness ······50%

- Carry out the following adjustments in this order:
  - 1. Beam landing
  - 2. Convergence
  - 3. Focus
  - 4. White balance

Note: Testing equipment required

- 1. Color bar/pattern generator
- 2. Degausser
- 3. DC power supply
- 4. Digital multimeter
- 5. Oscilloscope

## Preparations:

- In order to reduce the influence of geomagnetism on the set's picture tube face it east or west.
- Switch on the set's power and degauss with the degausser.

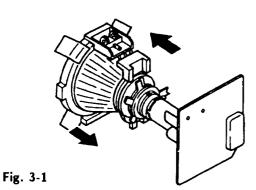
## 3-1. BEAM LANDING

- Input the white signal with the pattern generator.
   Contrast
   Bightness

  normal
- 2. Set the pattern generator raster signal to red.
- 3. Move the deflection yoke to the rear and adjust with the purity control so that the red is at the center and the blue and the green take up equally sized areas on each side.

(See Figures 3-1 through 3-3.)

- 4. Move the deflection yoke forward and adjust so that entire screen is red. (See Figure 3-1.)
- 5. Switch the raster signal to blue, then to green and verify the condition.
- When the position of the deflection yoke has been decided, fasten the deflection yoke with the screws.
- 7. If the beam does not land correctry in all the corners, use a magnet to adjust it.(See Figure 3-4.)



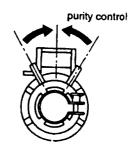


Fig. 3-2

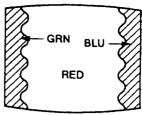


Fig. 3-3

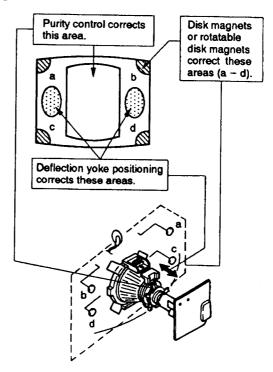
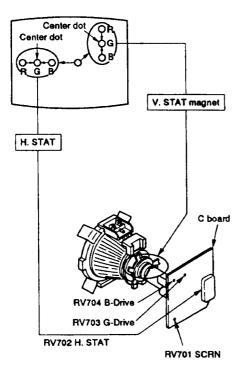


Fig. 3-4

## 3-2. CONVERGENCE

## Preparations:

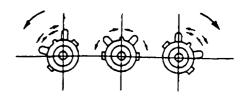
- Before starting this adjustment, adjust the focus, horizontal size, and vertical size.
- Minimize the brightness setting.
- Provide dot pattern.
- (1) Horizontal and vertical static convergence



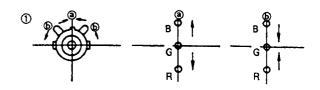
- 1. (Moving horizontally), adjust the H.STAT control so that the red, green, and blue points are on top of each other at the center of the screen.
- 2. (Moving vertically), adjust the V.STAT magnet so that the red, green, and blue points are on top of each other at the center of the screen.
- 3. If the H.STAT variable resistor can not bring the red, green, and blue points together at the center of the screen, adjust the horizontal convergence with the H.STAT variable resistor and the V. STAT magnet in the manner given below.

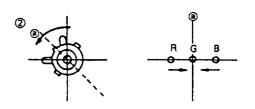
  (In this case, the H.STAT variable resistor and the V.STAT magnet influence each other's settings.)

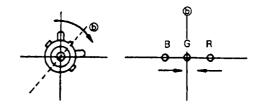
 Tilt the V.STAT magnet and adjust the static convergence by opening or closing the V.STAT magnet.

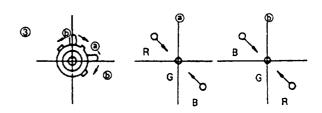


4. If the V.STAT magnet is moved in the direction of the (a) and (b) arrows, the red, green, and blue points move as shown below.

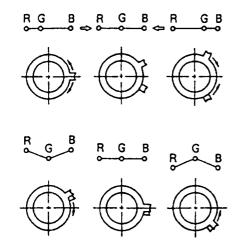






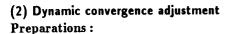


• Operation of BMC (Hexapole) Magnet



 The respective dot operations resulting from the operation of each magnet are not completely independent, so be sure to perform adjustment while tracking.

Use the H.STAT VR to adjust the red, green, and blue dots so they coincide at the center of screen (by moving the dots in the horizontal direction).



Before starting this adjustment, adjust the horizontal static convergence and the vertical static convergence.

- 1. Slightly loosen the deflection yoke screws.
- 2. Remove the deflection yoke spacer.

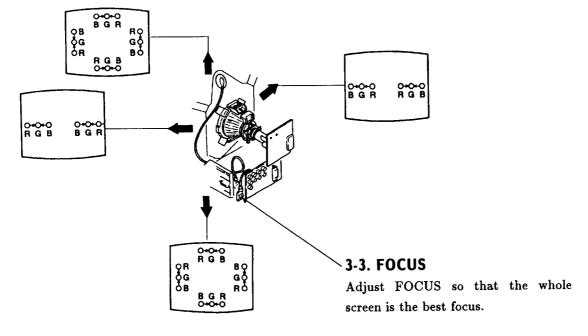
Many the deflection yello as shown in the fi

**Purity** 

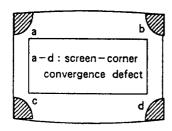
- 3. Move the deflection yoke as shown in the figure below and optimize the convergence.
- 4. Tighten the deflection yoke screws.

V. STAT

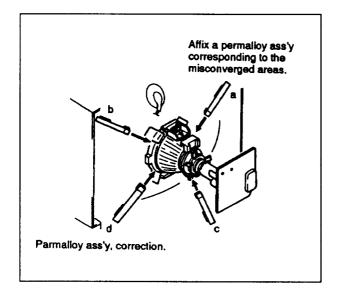
5. Install the defelection yoke spacer.



## (3) Screen corner convergence







## 3-4. WHITE BALANCE

## [Screen G2 setting]

- 1. Input the dot signal from the pattern generator.
- 2. Set the picture brightness control to its lowest level.
- 3. Apply 170V DC to the R, G, and B cathodes with an external power supply.
- 4. While watching the picture, adjust G2 control RV701 (Screen) to the point just before the return lines disappear.

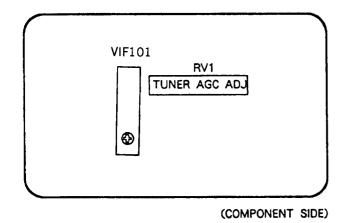
## [ White balance adjustment ]

- 1. Input an all-white signal from the pattern generator.
- 2. Set the picture brightness and color controls to their normal levels.
- 3. Use the RV704 (B Drive) and RV703 (G Drive) to adjust white balance.

In the adjustments below, have the picture color and brightness settings at their normal levels unless there is a specific instruction to the contrary.

## SECTION 4 CIRCUIT ADJUSTMENTS

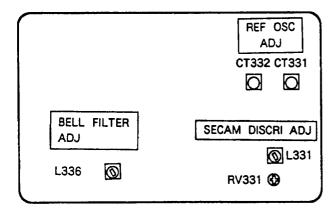
## 4-1. A BOARD ADJUSTMENT



## TUNER AGC ADJUSTMENT (VIF101, RV1)

- 1. Align with an appropriate signal between stations.
- 2. Adjust RV1 so that snow noise and cross modulation just disappear from the picture.

## 4-2. B BOARD ADJUSTMENTS



(COMPONENT SIDE)

## REFERENCE OSCILLATOR ADJUSTMENT (CT332 8.8MHz)

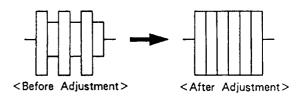
- 1. Input a PAL color bar signal.
- 2. Ground pin 7 of the IC331.
- 3. Adjust CT332 to obtain synchronization.

## REFERENCE OSCILLATOR ADJUSTMENT (CT331 7.16MHz)

- 1. Input an NTSC color bar signal.
- 2. Ground pin ® of IC331.
- 3. Adjust the CT331 to obtain synchronization.
- 4. Remove the jumper grounding pin @ of IC331.

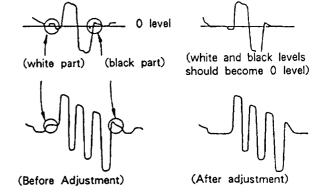
## **BELL FILTER ADJUSTMENT (L336)**

- 1. Input a SECAM color bar signal.
- 2. Connect the oscilloscope to the emitter of Q335.
- 3. Adjust L336 so that the waveform is flat.

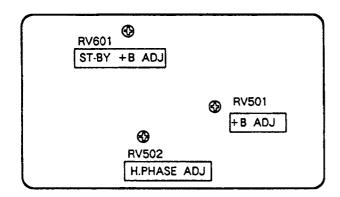


## DISCRIMINATION ADJUSTMENT (RV331 and L331)

- 1. Input a SECAM color bar signal.
- 2. Connect the oscilloscope to pin ① of IC331.
- 3. Adjust RV331 so that the white and black sections of the waveform at pin ① come to the 0 level.
- 4. Connect the oscilloscope to pin 3 of IC331.
- 5. Adjust L331 so that the white and black sections of the waveform at pin 3 come to the 0 level.



## 4-3. D BOARD ADJUSTMENTS



## +B ADJUSTMENT (RV501)

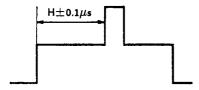
- 1. Connect the digital multimeter to TP91.
- 2. Adjust RV501 to obtain  $135 \pm 0.2$ V.

## ST-BY +B ADJUSTMENT (RV601)

- 1. Put the system into  $\circlearrowleft$  standby mode (remote commander).
- 2. Connect the digital multimeter to TP91.
- 3. Adjust RV601 to obtain  $135 \pm 3V$ .
- 4. Take the system out of  $\circlearrowleft$  standby mode (remote commander).

## H.PHASE ADJUSTMENT (RV502)

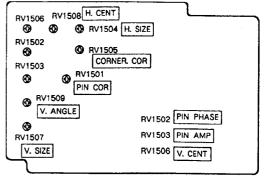
- 1. Input a PAL color bar signal.
- Set the picture and brightness controls to their normal levels.
- 3. Set RV1508 (H.CENT) to its mechanical center.
- 4. Connect the oscilloscope to pin (SCP) of IC 501
- 5. Rotate RV502 to adjust to  $H\pm0.1\mu s$ . See below table for the H value.

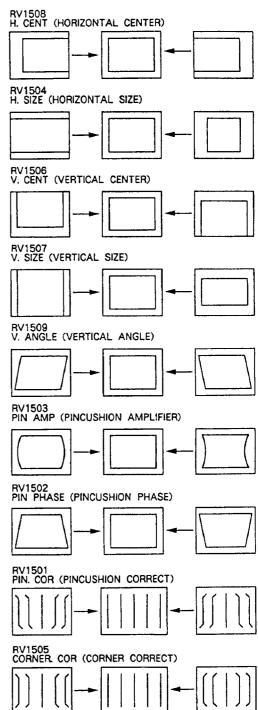


## Standard of H.Phase

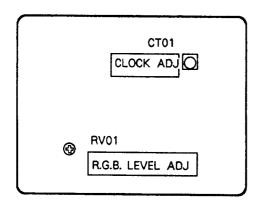
Model Size	H
21"	$5.6 \mu$ s
25"	$5.1 \mu$ s
29''	$5.5 \mu$ s

## 4-4. J1 BOARD ADJUSTMENTS





## 4-5. V BOARD ADJUSTMENTS



## **CLOCK ADJUSTMENT (CT01)**

- 1. Remove the pin 3 of V-01 connector.
- 2. Put the system into text mode.
- 3. Adjust CT01 so that the picture does not move.

## RGB LEVEL ADJUSTMENT (RV01)

- 1. Maximize the picture setting.
- 2. Adjust RV01 so that the RGB output is 0.75V.

## 4-6. SECONDARY ADJUSTMENT

## SUB BRIGHTNESS ADJUSTMENT

- 1. Set the system to receive a test pattern.
- Press → ← on the remote commander to put the system into normal mode.
- 3. Switch off the power.
- While depressing the adjusting buttons + and
   simultaneusly, turn on the power. (SUB mode is obtained)
- 5. Minimize the O contrast setting.
- 6. Adjust the \$\footnote{\text{T}}\$ brightness control so that the gray scale 0 IRE section is cut off completely and the 20 IRE section is barely glowing.
- 7. Depress the (store) button of the remote commander.(SUB mode is released)

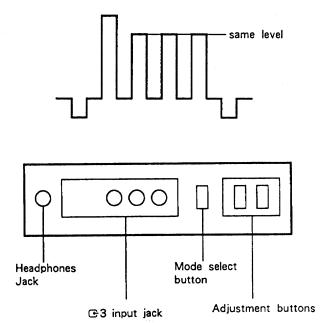
If there is no test color pattern

- 1. Set the system to receive a color pattern.
- Press on the remote commander to put system into normal mode.
   Set the color to its normal state.
- 3-5. are the same as above.
- 6. Since 20 IRE is nearly blue, adjust the ☆ brightness control so that the blue barely glows.
- 7. is the same as above.
- Press → ← on the remote commander to put the system into normal mode.

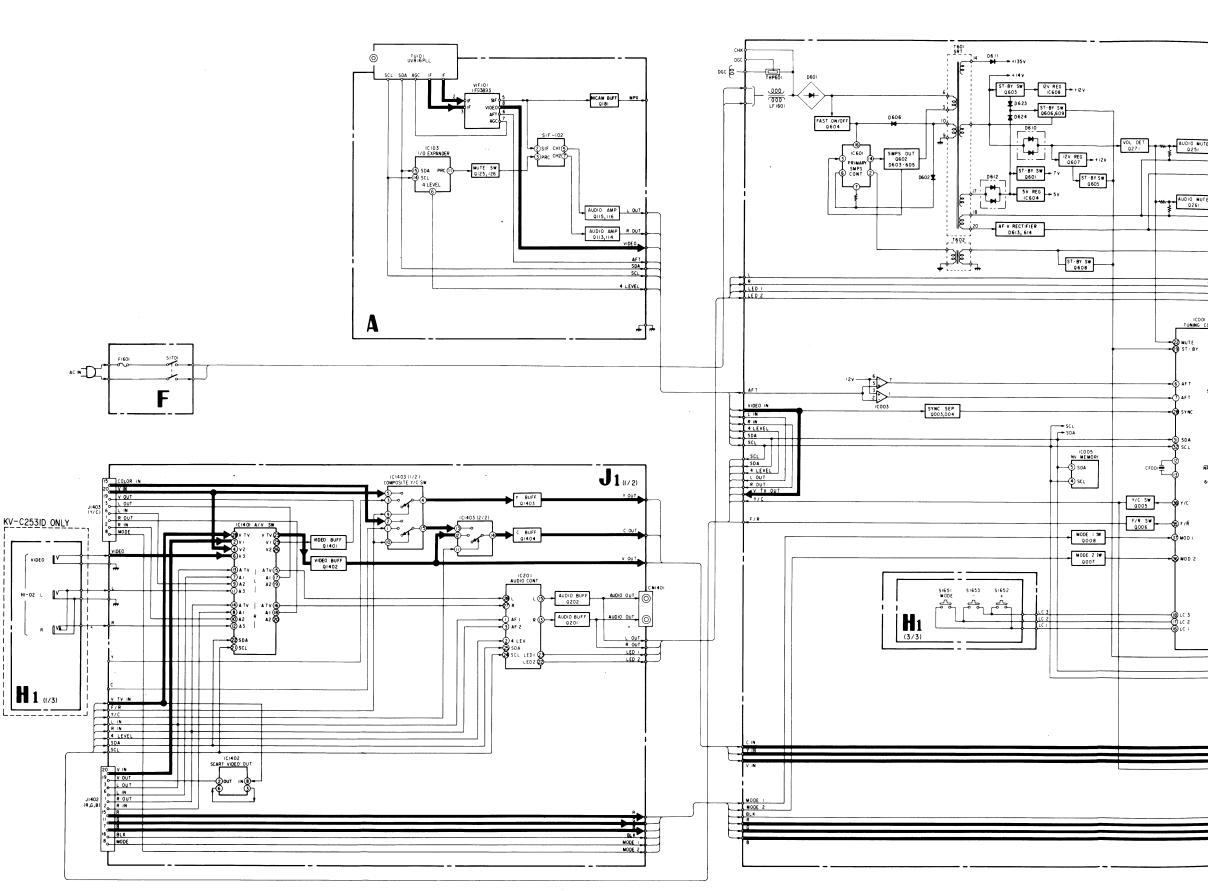
## SECTION 5 DIAGRAMS

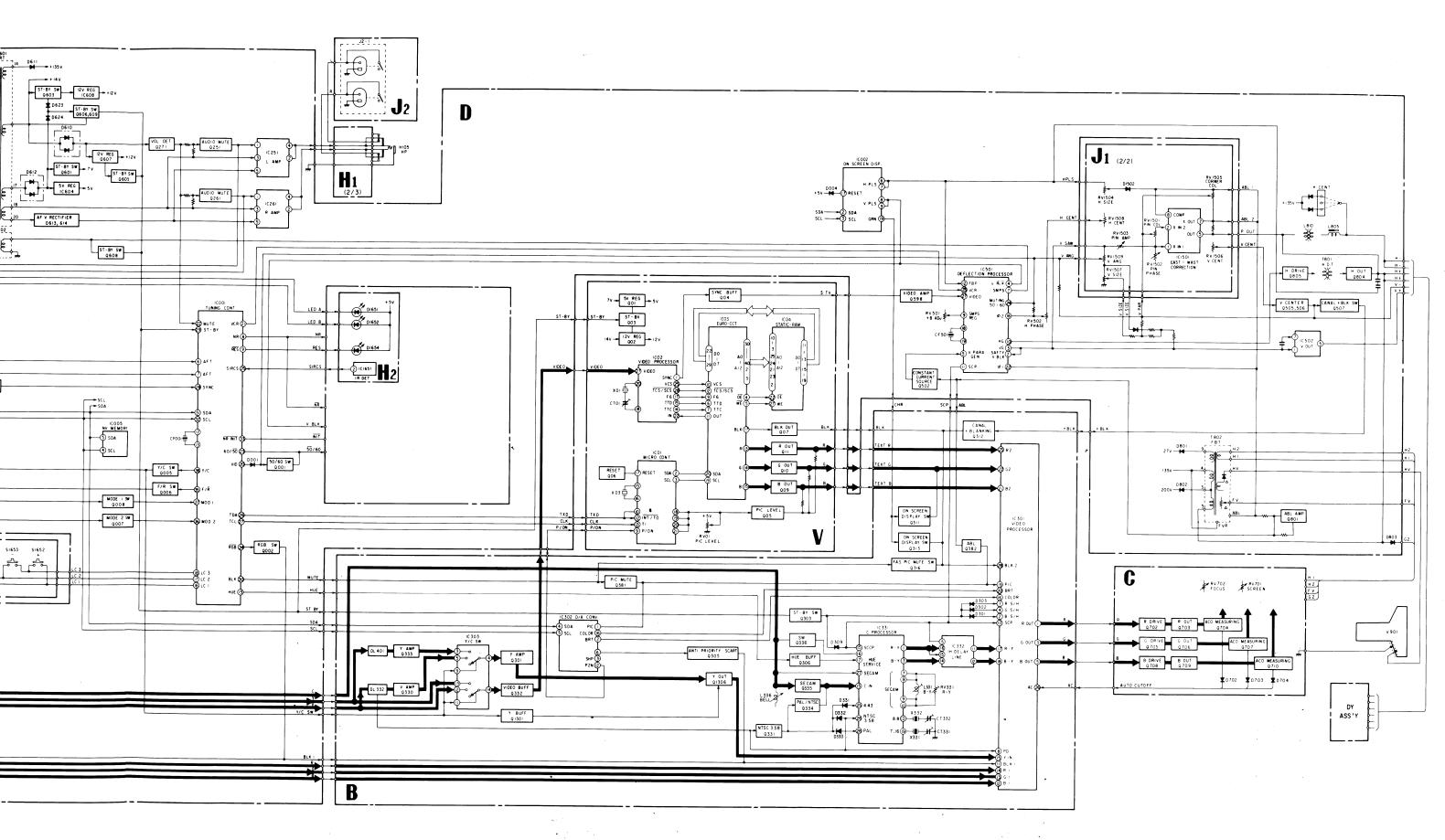
## SUB COLOR ADJUSTMENT

- 1. Set the system to receive color bars.
- Press → ← on the remote commander to put the system into normal mode.
- 3. Cut off the power.
- While depressing the adjustment buttons + and
   simultaneusly, turn on the power. (SUB mode is obtained)
- 5. Adjust the color control so that the B out waveform (pin 2) of C board connector CNC72) is as shown in the figure below.
- 6. Depress the  $\diamondsuit$  (store) button of the remote commander. (SUB mode is released)

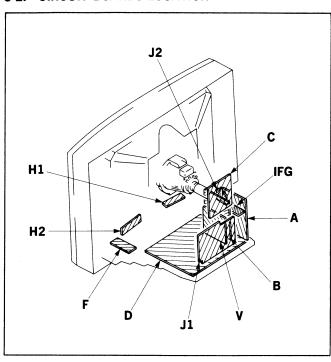


## 5-1. BLOCK DIAGRAM





## 5-2. CIRCUIT BOARDS LOCATION



Note: The components identified by shading and mark

A are critical for safety. Replace only with part number specified.

## Note:

- All capacitors are in  $\mu F$  unless otherwise noted.  $pF: \mu \mu F$  50WV or less are not indicated except for electrolytics.
- Indication of resistance, which does not have one for rating electrical power, is as follows.

Pitch: 5mm
Rating electrical power: 1/4W

- Chip resistor is in 1/10W.
- All resistors are in ohms.  $k\Omega = 1000\Omega$ ,  $M\Omega = 1000k\Omega$
- monflammable resistor.
- fusible resistor.
- △: internal component.
- panel designation and adjustment for repair.
- All variable and adjustable resistors have characteristic curve B.unless otherwise noted.
- All voltages are in V.
- Readings are taken with a 10MΩ digital multimeter.
- Readings are taken with a color-bar signal input.
- Voltage variations may be noted due to normal production tolerances.
- - : B + line.
- signal path.

## Reference information

RESISTOR	: RN	METAL FILM
	: RC	SOLID
	: FPRD	NONFLAMMABLE CARBON
	: FUSE	NONFLAMMABLE FUSIBLE
	: RS	NONFLAMMABLE METAL OXIDE
	: RB	NONFLAMMABLE CEMENT
	: RW	NONFLAMMABLE WIREWOUND
	: ♥	ADJUSTMENT RESISTOR
COIL	: LF-8L	MICRO INDUCTOR
CAPACITOR	: TA	TANTALUM
	: PS	STYROL
	: PP	POLYPROPYLENE
	: PT	MYLAR
	: MPS	METALIZED POLYESTER
	: MPP	METALIZED POLYPROPYLENE
	: ALB	BIPCLAR
	: ALT	HIGH TEMPERATURE

: ALR HIGH RIPPLE

H1 [control sw, av input, headphone]

**H2** 

[SIRCS RECEIVER, INDICATOR]

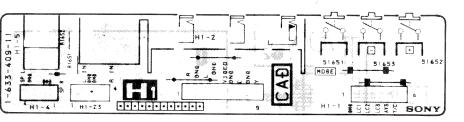


[LINE FILTER, DGC]

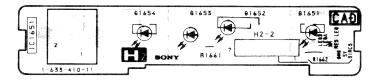
## 5-3. SCHEMATIC DIAGRAMS AND PRINTED WIRING BOARDS

-Conductor Side-

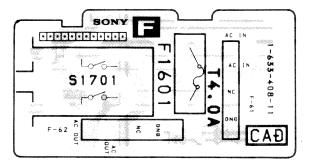
## -H1 Board-



## -H2 Board-



## -F Board-



—A Board—

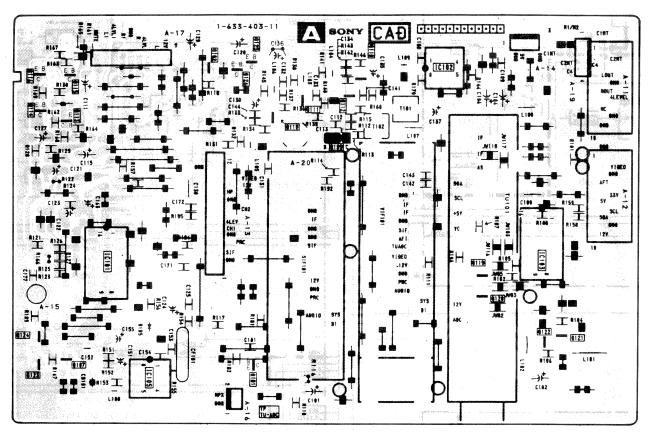
[TUNER, SIF, VIF]

AUDIO CONTROL, AV INPUT Y/C INPUT, SCAR VIDEO OUT EAST-WEST CORRECTION

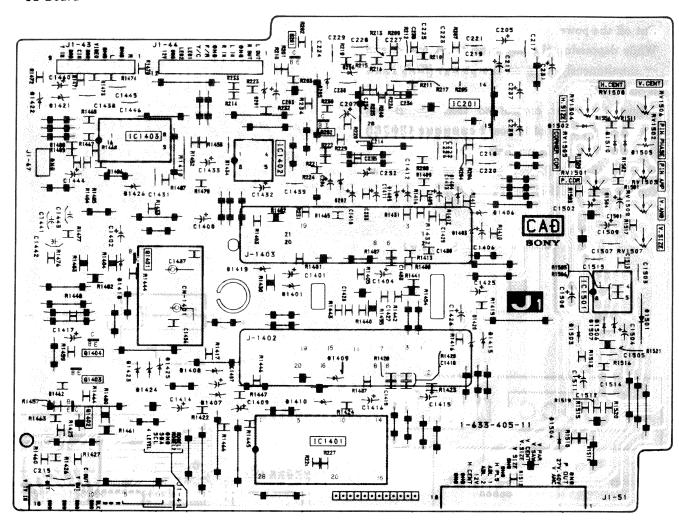
J2

SPEAKER TERMINAL

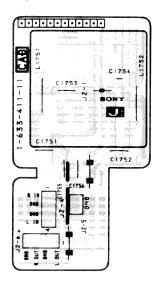
—A Board—

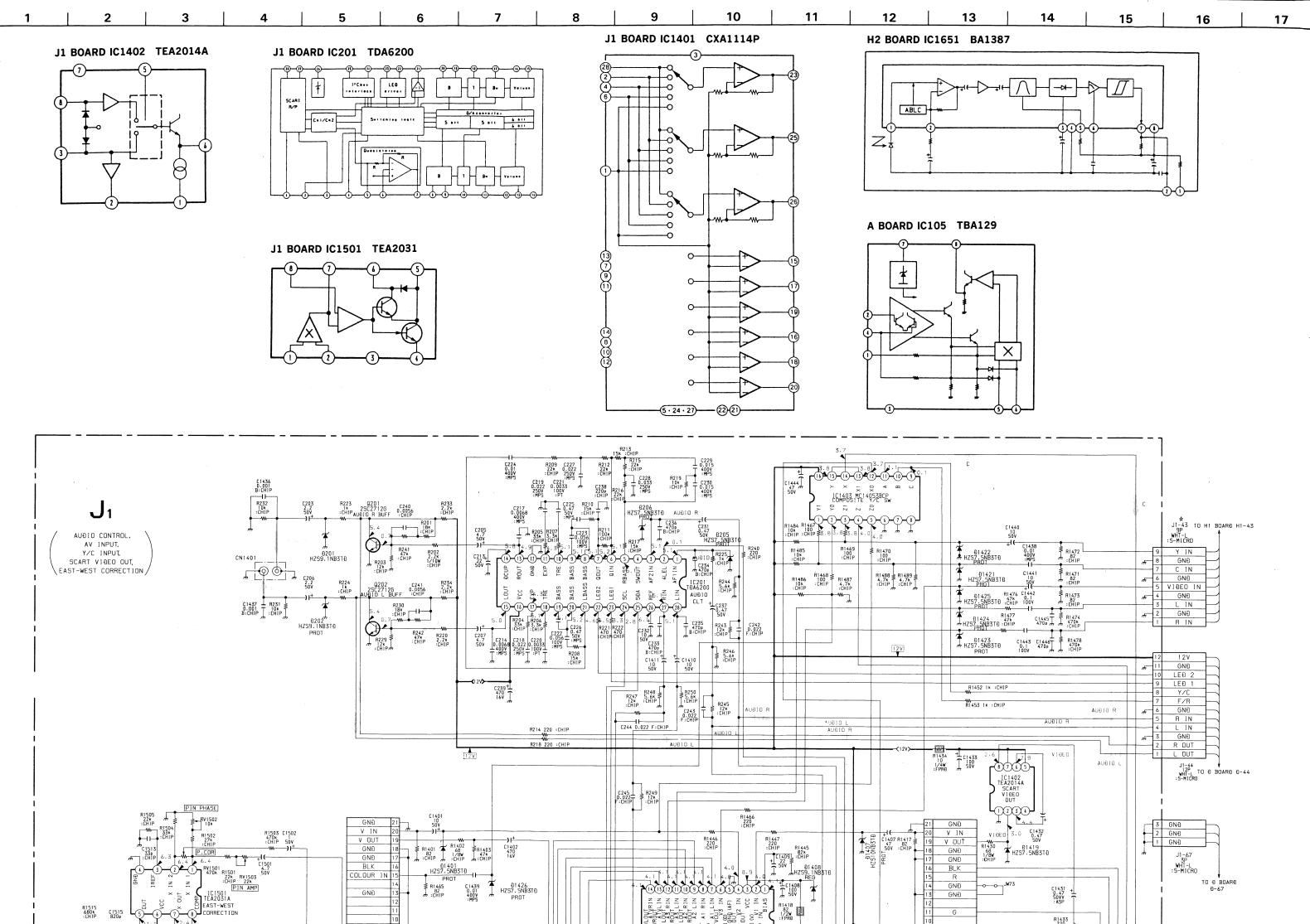


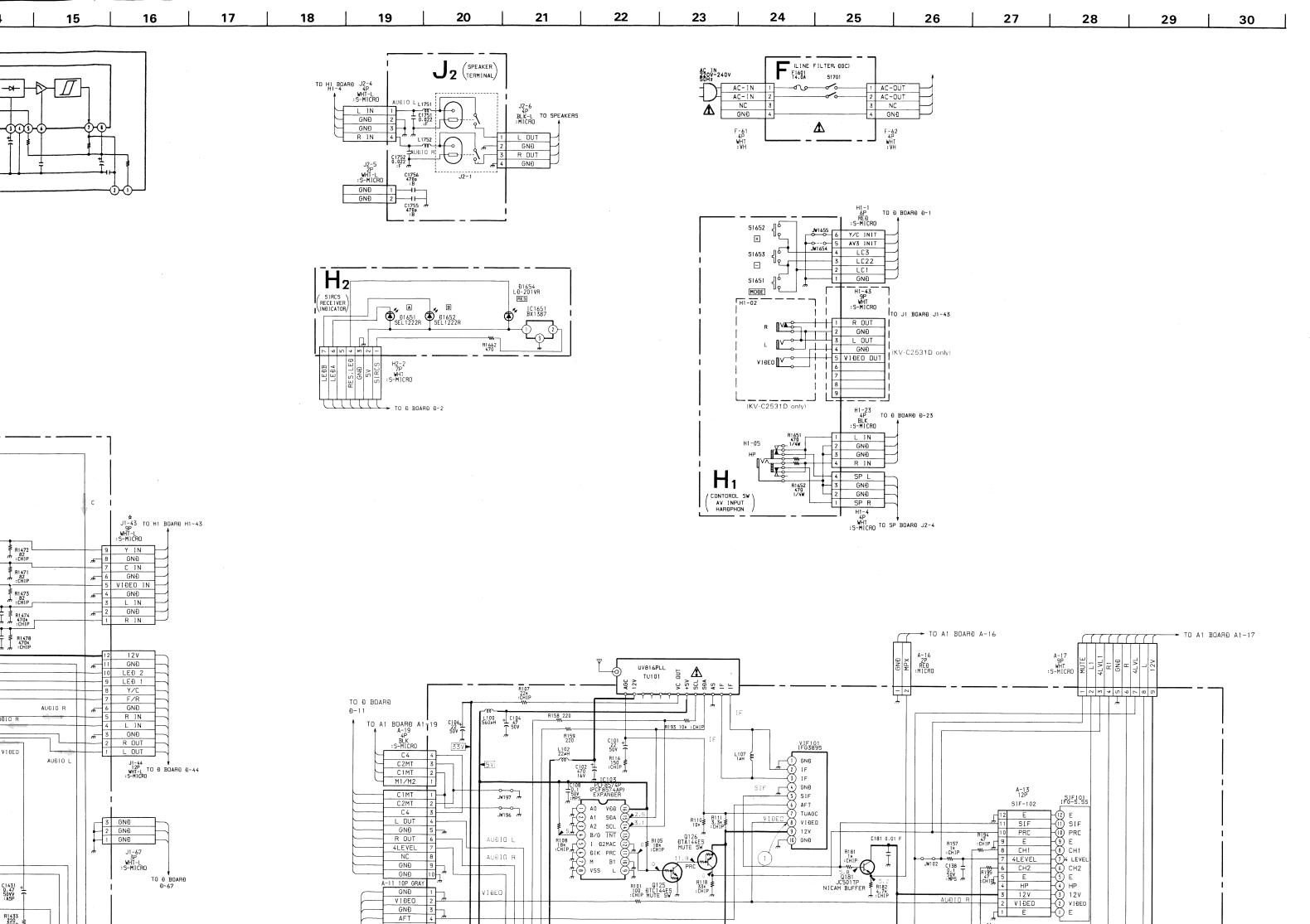
—J1 Board—

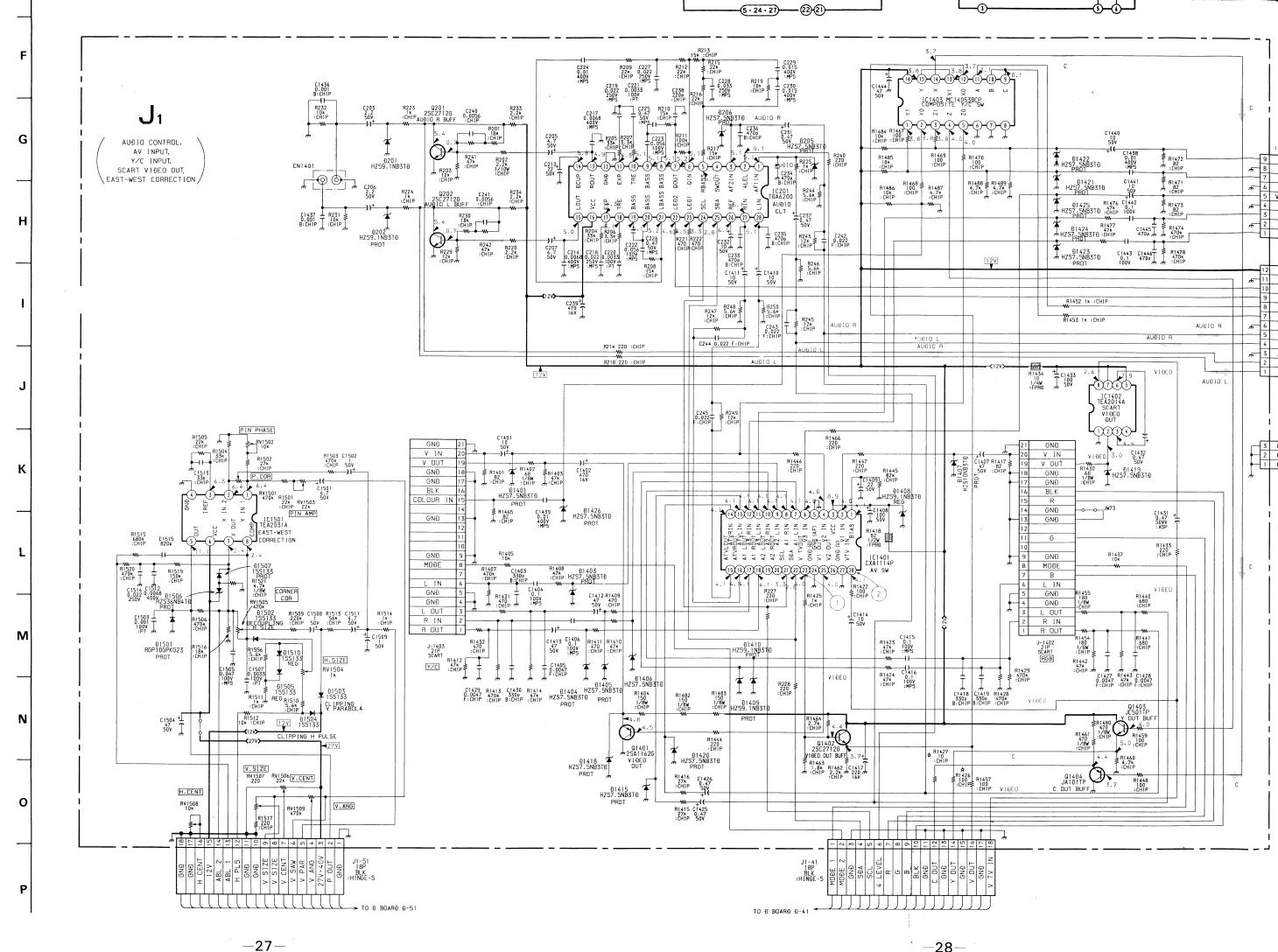


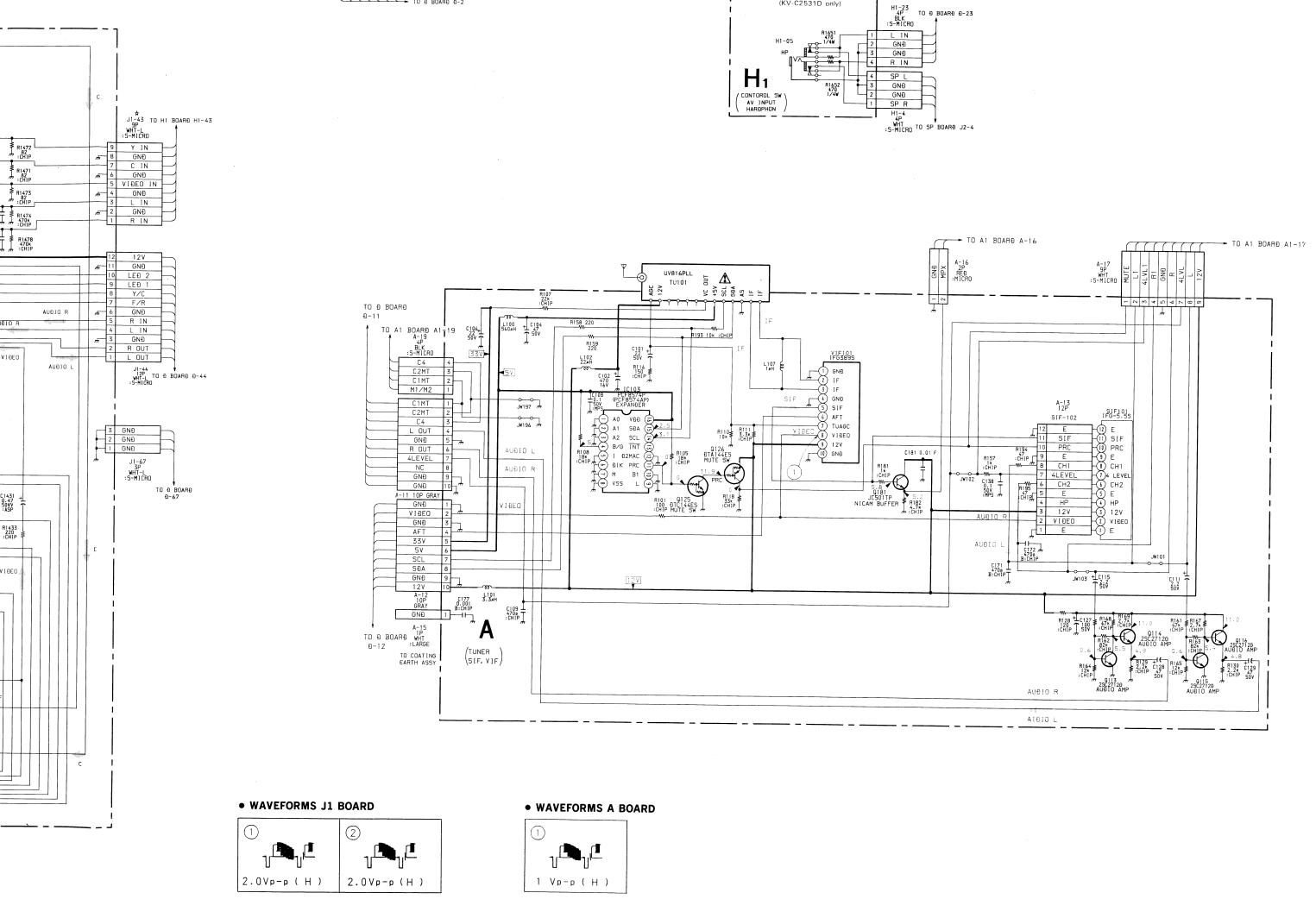
—J2 Board—







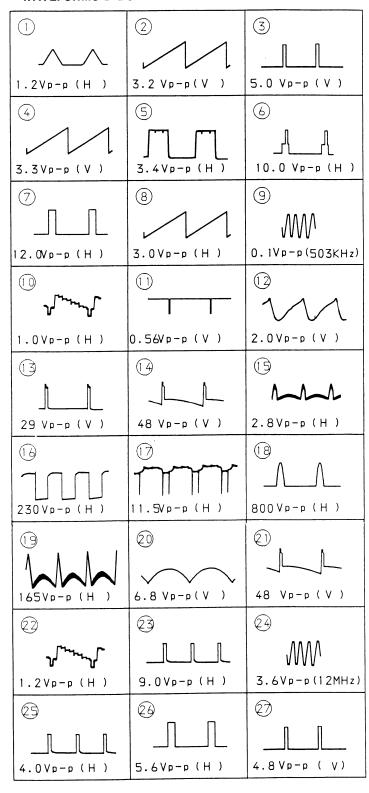




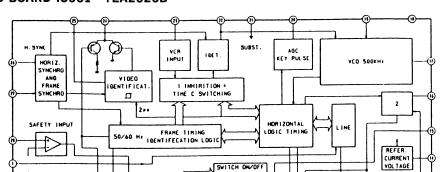
(KV-C2531D only) H1-23

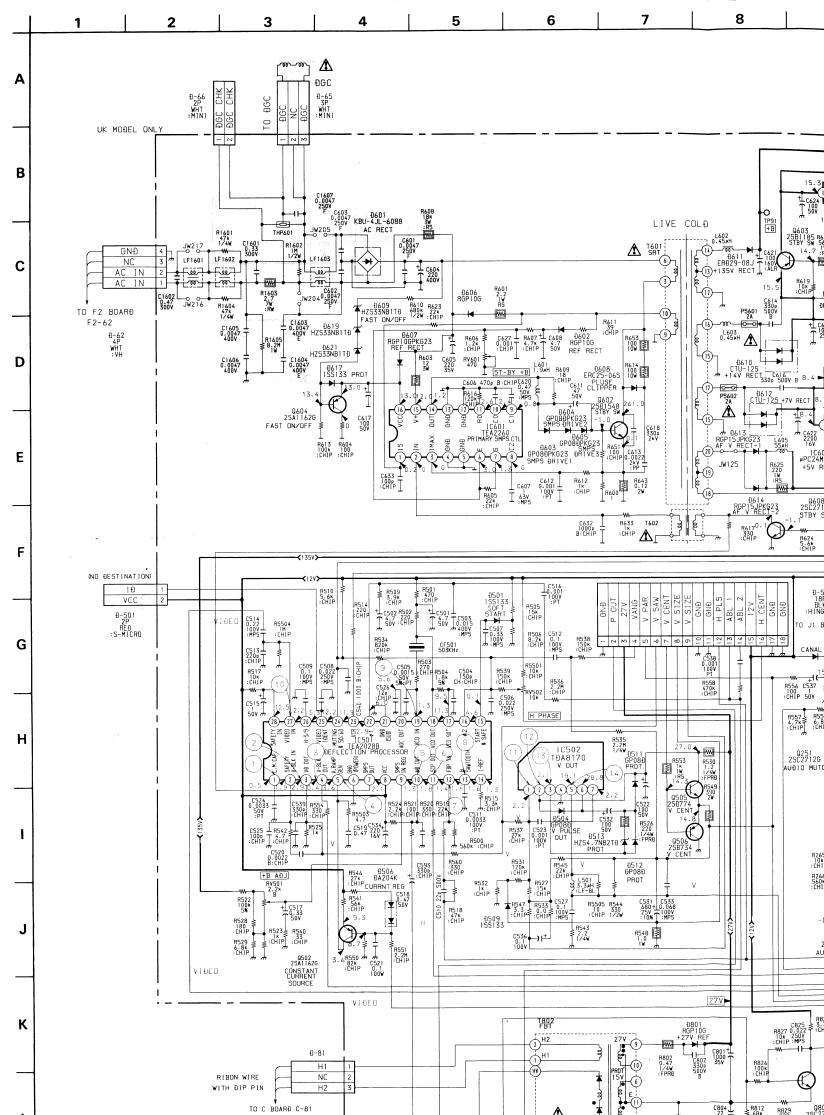
TO D BOARD D-2

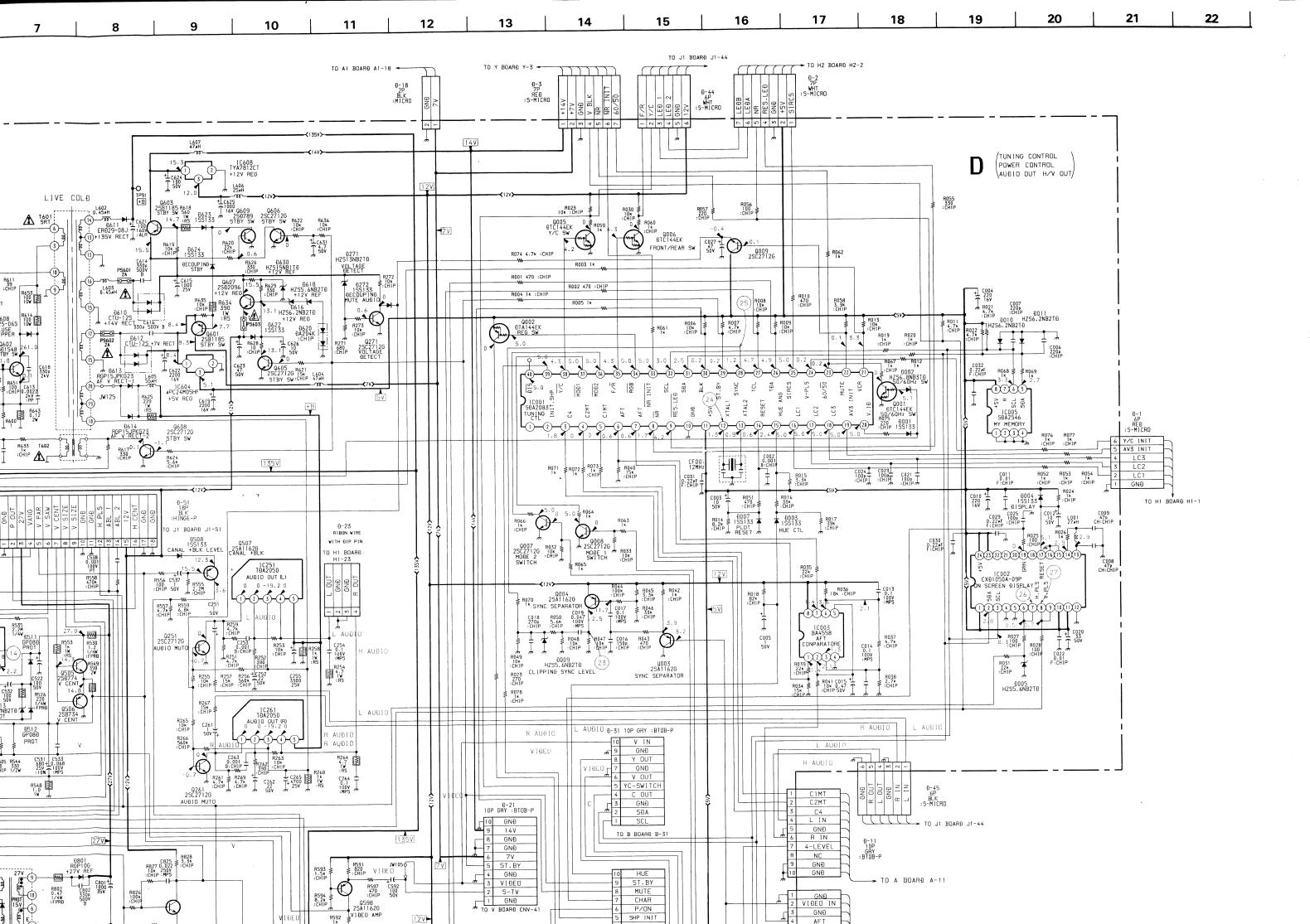
## • WAVEFORMS D BOARD

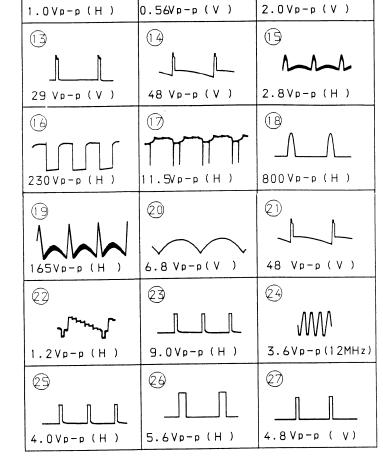


## D BOARD IC501 TEA2020B

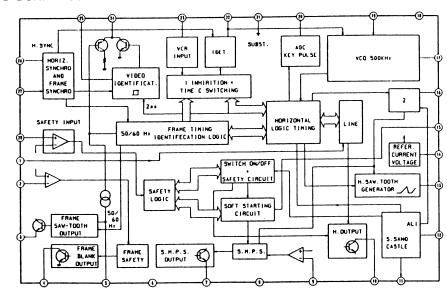








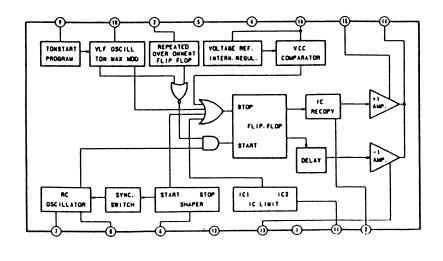
## D BOARD IC501 TEA2020B

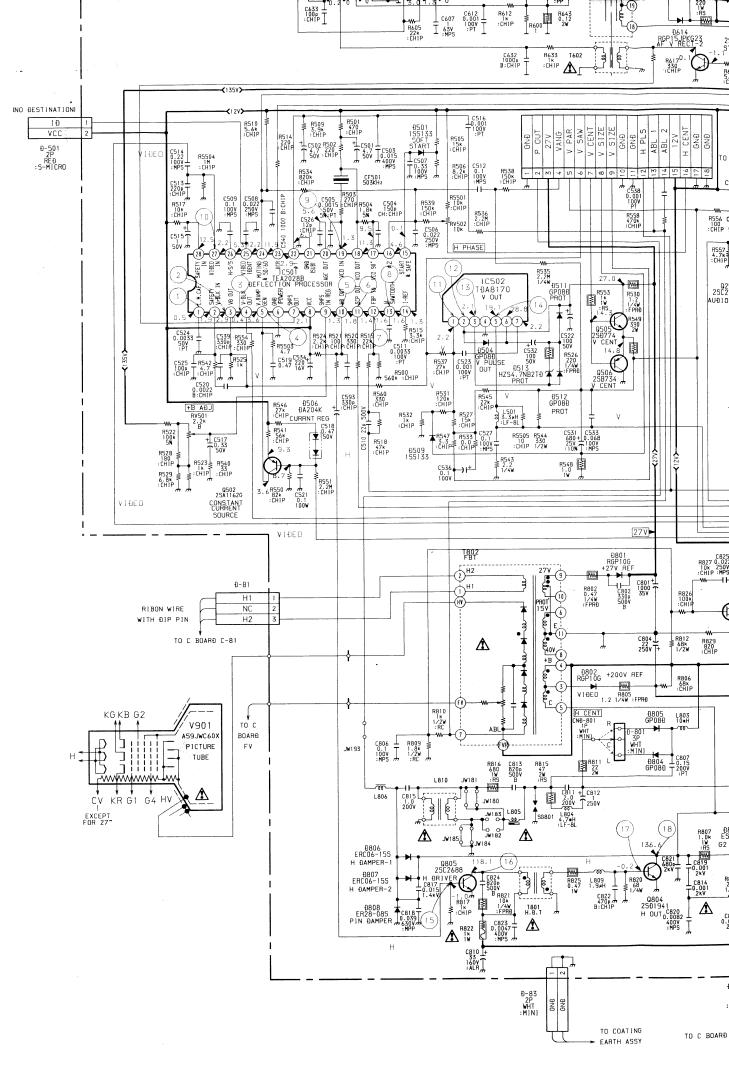


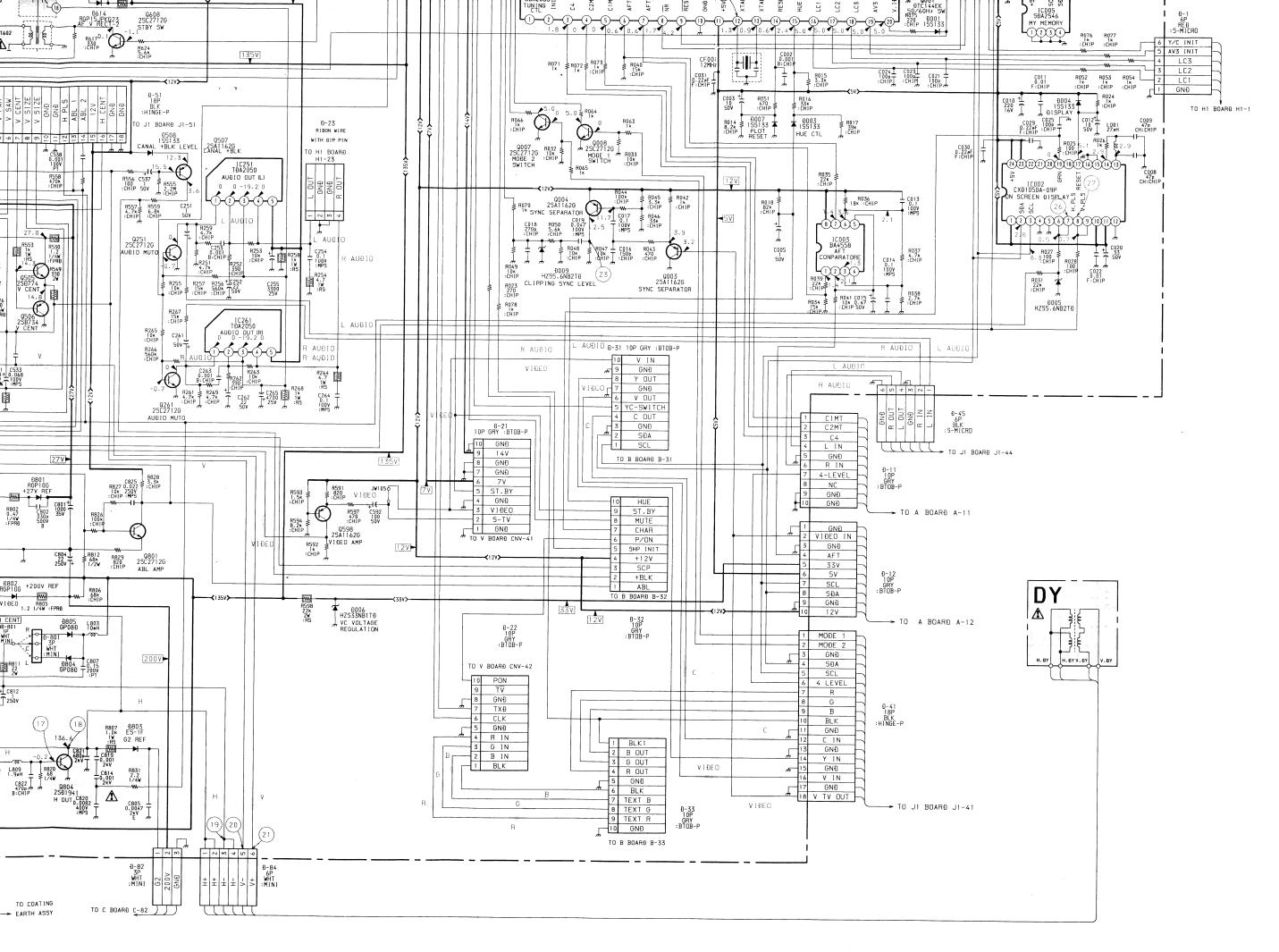
M

Ν

## D BOARD IC601 TEA2260





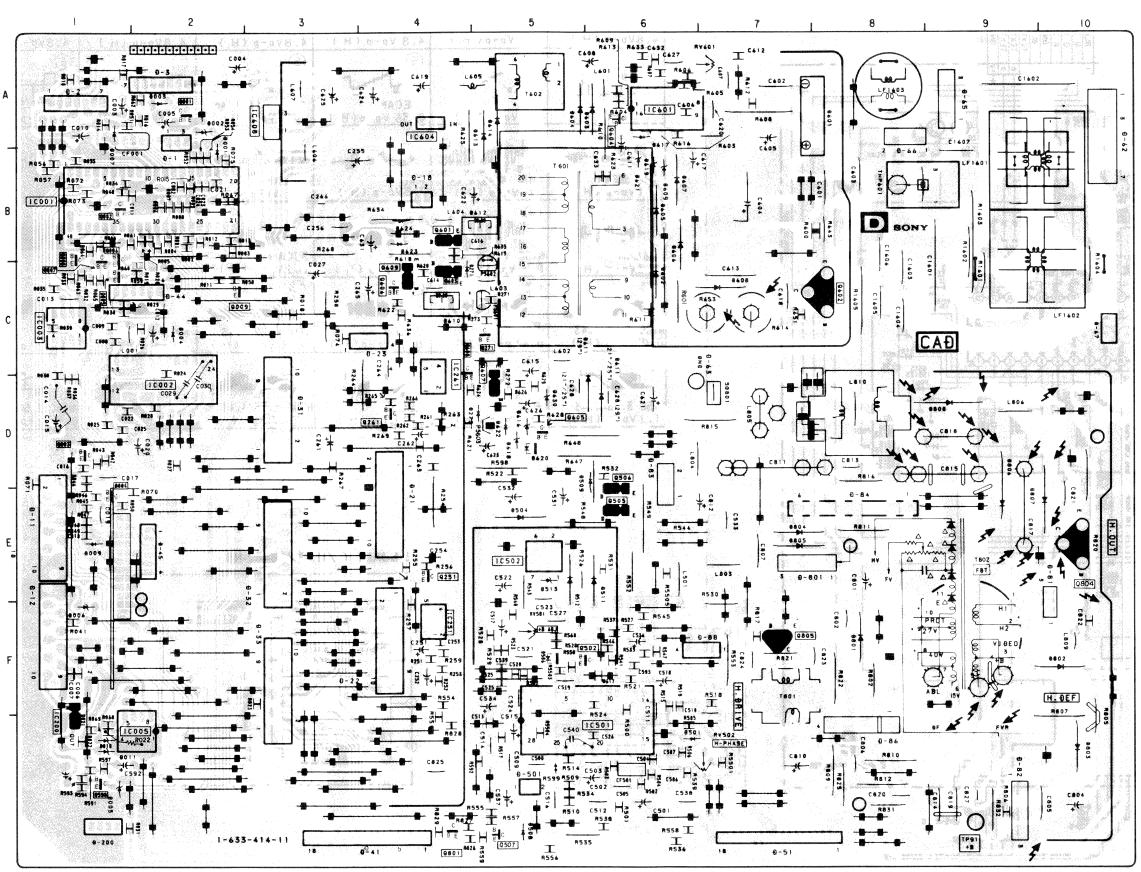


KV-C2521D/C2531D RM-689 KV-C2521D/C2531D RM-689

TUNING CONTROL, POWER CONTROL, AUDIO OUT, H/V OUT

D



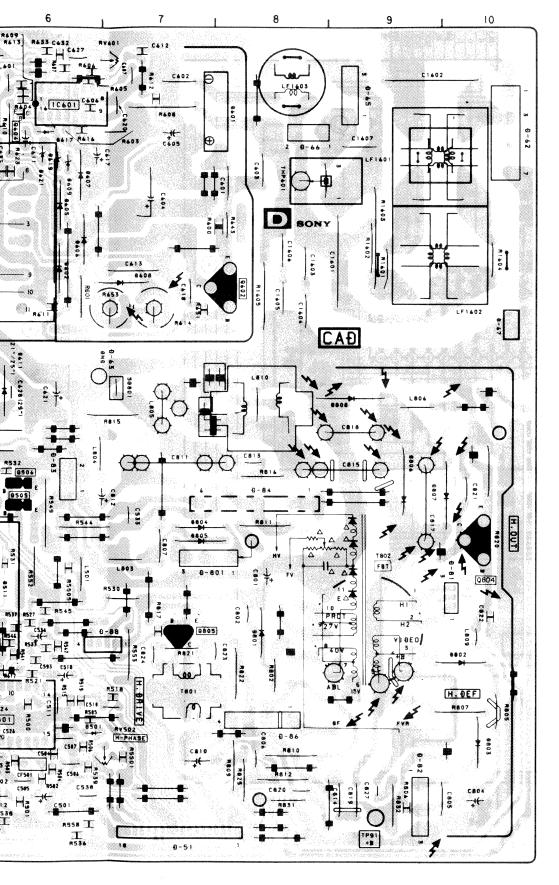


	$\mid$	-	
D001 D002 D003 D004 D005	DIO	IC001 IC002 IC003 IC005 IC251 IC261 IC501 IC502 IC601 IC608  TRANS  Q001 Q002 Q003 Q004 Q005 Q006 Q007 Q008 Q009 Q251 Q261 Q271 Q502 Q505 Q506 Q507 Q598 Q601 Q602 Q603 Q604 Q605 Q607 Q608 Q607 Q608 Q607 Q608 Q609 Q801 Q804 Q805	
B-2 A-2 A-2 C-2 G-1	DE	B-2 D-2 C-1 G-2 F-4 C-4 G-6 E-5 A-6 A-4 A-3	
		D006 D007 D009 D010 D011 D271 D272 D501 D504 D506 D508 D509 D511 D512 D513 D601 D602 D603 D604 D605 D606 D607 D608 D609 D610 D611 D612 D613 D614 D616 D617 D618 D619 D620 D621 D622 D623 D624 D630 D621 D622 D623 D624 D630 D801 D802 D803 D804 D805 D806 D807 D808	
ABLE STOR F-5 G-7 A-7		FAEGGCDGEFGDEEEACAABBBCBCDBAADADBDBBDFFGEEEDD11145655566655886656667646555565656544580077909	









	IC	D006 D007	F-1 A-1
IC001 IC002	B-2 D-2	D009 D010	E-1 G-1
10002	C-1	D010	G-1
IC005	G-2	D271	C-4
IC251 IC261	F-4 C-4	D272 D501	D-5 G-6
IC501	G-6	D504	E-5
IC502 IC601	E-5 A-6	D506 D508	F-5 G-5
IC604	A-4	D509	D-6
IC608	A-3	D511	E-6
		D512 D513	E-5 E-5
TRAN	SISTOR	D601 D602	A-8 C-6
Q001	A-2	D603	A-6
Q002 Q003	B – 1 D – 1	D604 D605	A-5 B-6
Q004	D-1	D606	B-6
Q005 Q006	C-1 B-1	D607	B-6
Q006 Q007	B-1 C-1	D608 D609	C-7 B-6
Q008	C-1	D610	C-4
Q009 Q251	C-2 E-4	D611 D612	D-6 B-5
Q261	D-4	D613	A-5
Q271 Q502	C-5 F-6	D614	A-5
Q505	E-6	D616 D617	D-5 A-6
Q506	E-6	D618	D-5
Q507 Q598	G-5 G-1	D619 D620	B-6 D-5
Q601	B-4	D621	B-6
Q602 Q603	C-8 C-4	D622	D-5 B-4
Q604	A-6	D623 D624	B-4 B-4
Q605	D-5	D630	D-5
Q606 Q607	C-4 D-5	D801 D802	F-8 F-10
Q608	C-4	D803	G-10
Q609	C-4	D804	E-7
Q801 Q804	G-4 E-10	D805 D806	E-7 E-9
Q805	F-7	D807	E-10
		D808	D-9
DIC	DDE	VΔR	IABLE
D001 D002	B-2 A-2		STOR
D003	A-2	RV501	F-5
D004 D005	C-2 G-1	RV502 RV601	G-7 A-7
2000	· '	714001	



## NOTE:

The circuit indicated as left contains high voltage of over 600 Vp-p. Care must be paid to prevent an electric shock in inspection or repairing.

WAVEFOR

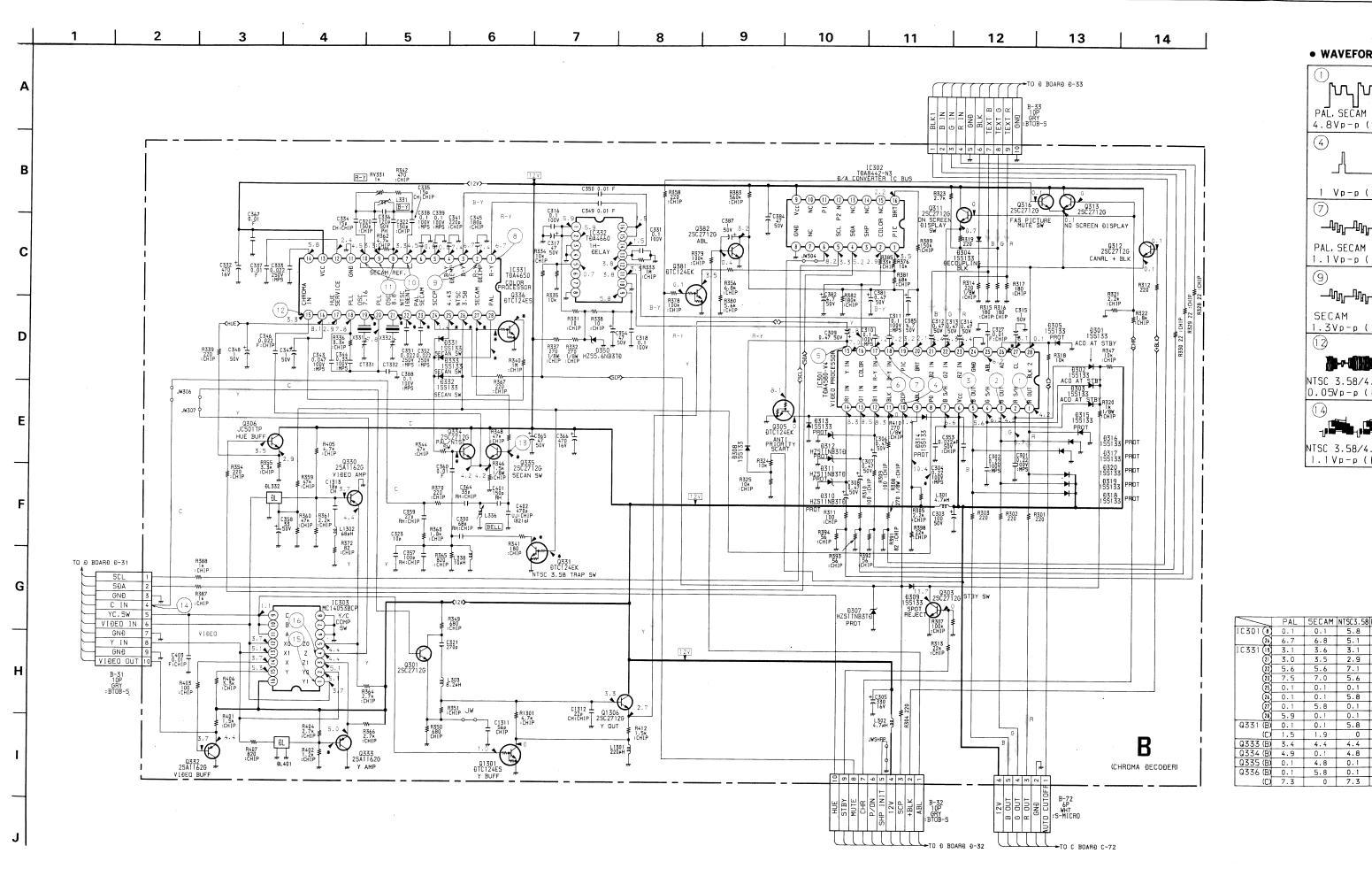
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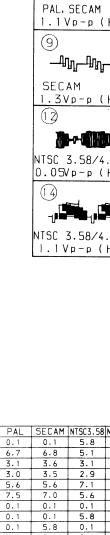
(7)

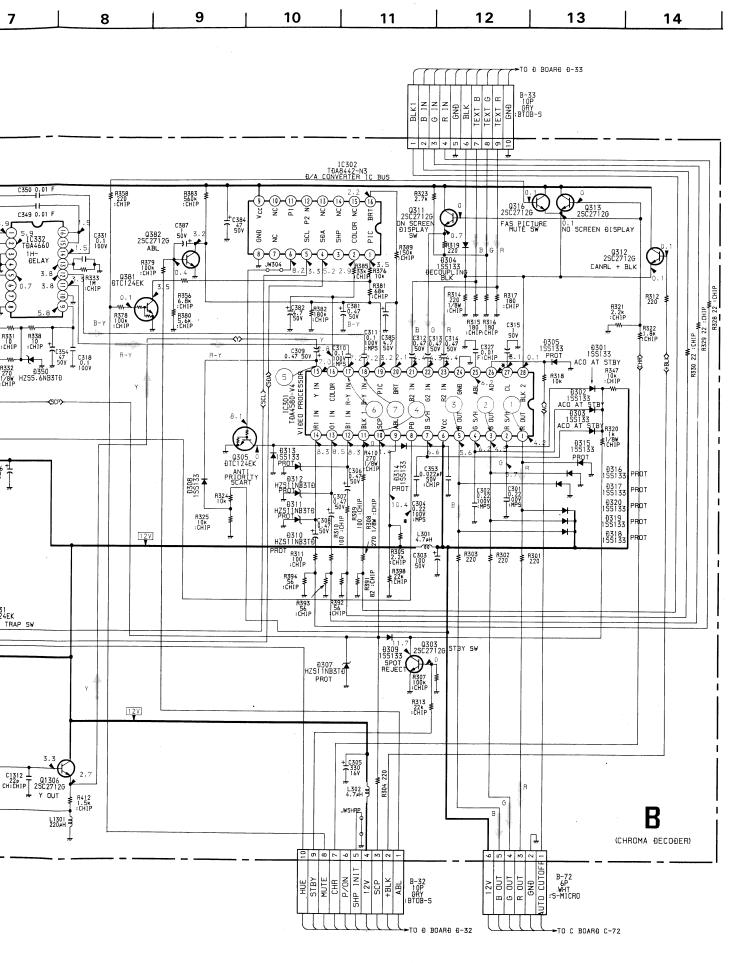
أبكأب PAL, SECAM 4.8Vp-p (

1 Vp-p (

-MM-MM-



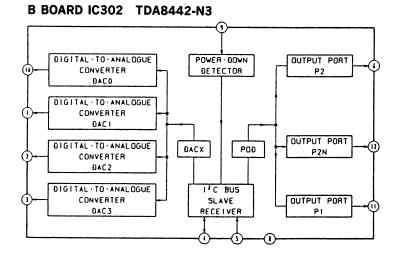




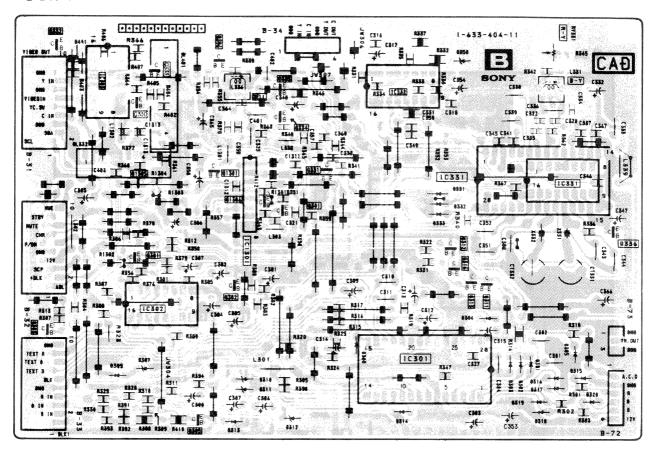
## • WAVEFORMS B BOARD

		2		(3) • • • • • • • • • • • • • • • • • • •	<b>My My</b>
PAL, SECAM 4.8Vp-p (H)	NTSC 3.58/4.43 4.8 Vp-p( H )	PAL, SECAM 4.8 Vp-p (H)	NTSC 3.58/4.43 4.8Vp-p (H)	PAL, SECAM 4.8Vp-p (H)	NTSC 3.58/4.43 4.8Vp-p (H)
(4) N n	5	(5)	5 +5 +	6	6
	PAL PAL	SECAM	NTSC 3.58/4.43	PAL, SECAM	NTSC 3.58/4.43
1 Vp-p (H)	0.4Vp-p ( H)	0.36 Vp-p(H)	0.46Vp-p (H )	0.9Vp-p(H)	0.7Vp-p ( H)
7   <u>-40,40,40,</u>			-7[17] 17] 1-   ®		9
PAL, SECAM 1.1Vp-p (H)	NTSC 3.58/4.43 1 Vp-p ( H )	PAL 0.5Vp-p(H)	SECAM  1.1 Vp-p (H)	NTSC 3.58/4.43 0.4 Vp-p ( H )	— <b>Лу-Лу-Лу</b> РАL 0.6Vp-p (Н )
9				12	12
	I AclarAclar			11-0-011111-0-01	
SECAM 1.3Vp-p (H )	NTSC 3.58/4.43 0.6 Vp-p( H )	SECAM 1.4 Vp-p ( H )	SECAM 0.2Vp-p(H)	PAL 0.2Vp-p (H )	SECAM 0.12Vp-p (H )
12	13	(3)	13	(14)	(14)
			100	1	Span of State of Stat
NTSC 3.58/4.43 0.05Vp-p (H )	PAL 0.4Vp-p ( H )	SECAM 0.1 Vp-p(H)	NTSC 3.58/4.43 0.4 Vp-p (H)	PAL 1 Vp-p ( H )	SECAM 1 Vp-p ( H )
14	15	15	(1)	16	16
-()	<b>┑</b> ┟┸ <b>┸</b> ┩╟┸	Span of Principles	-{p\====================================	المستر الم	_p
NTSC 3.58/4.43  .1Vp-p(H)	PAL 1 Vp-p ( H )	SECAM 0.9Vp-p(H)	NTSC 3.58/4.43 1 Vp-p(H)	PAL, SECAM O.4Vp-p ( H)	NTSC 3.58/4.43 0.54Vp-p (H)

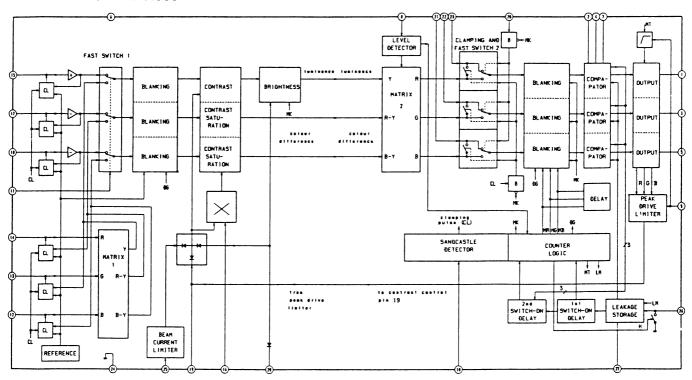
	PAL	SECAM	NTSC3.58	NTSC4.43
10301 📵	0.1	0.1	5.8	0.1
(26)	6.7	6.8	5.1	5.1
IC331 📵	3.1	3.6	3.1	2.8
(1)	3.0	3.5	2.9	2.7
u	5.6	5.6	7.1	7.2
23	7.5	7.0	5.6	5.6
(15)	0.1	0.1	0.1	5.8
(1)	0.1	0.1	5.8	0.1
1	0.1	5.8	0.1	0.1
28	5.9	0.1	0.1	0.1
Q331 (B)	0.1	0.1	5.8	0.1
(C)	1.5	1.9	0	0.8
Q333 (B)	3.4	4.4	4.4	4.4
Q334 (B)	4.9	0.1	4.8	4.8
Q335 (B)	0.1	4.8	0.1	0.1
Q336 (B)	0.1	5.8	0.1	0.1
(C)	7.3	0	7.3	7.3



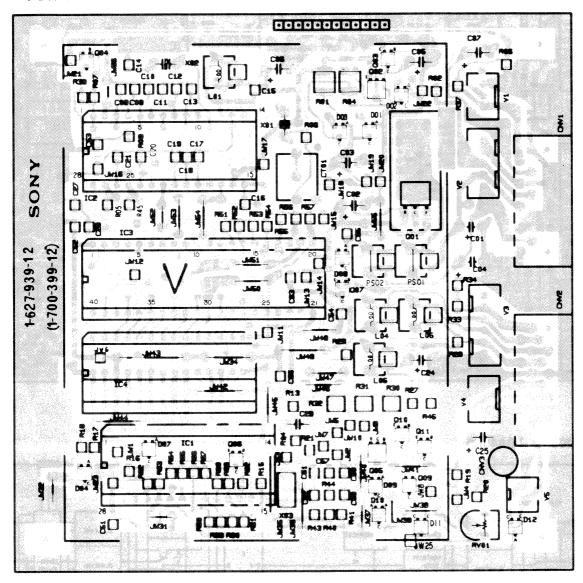
## -B Board-

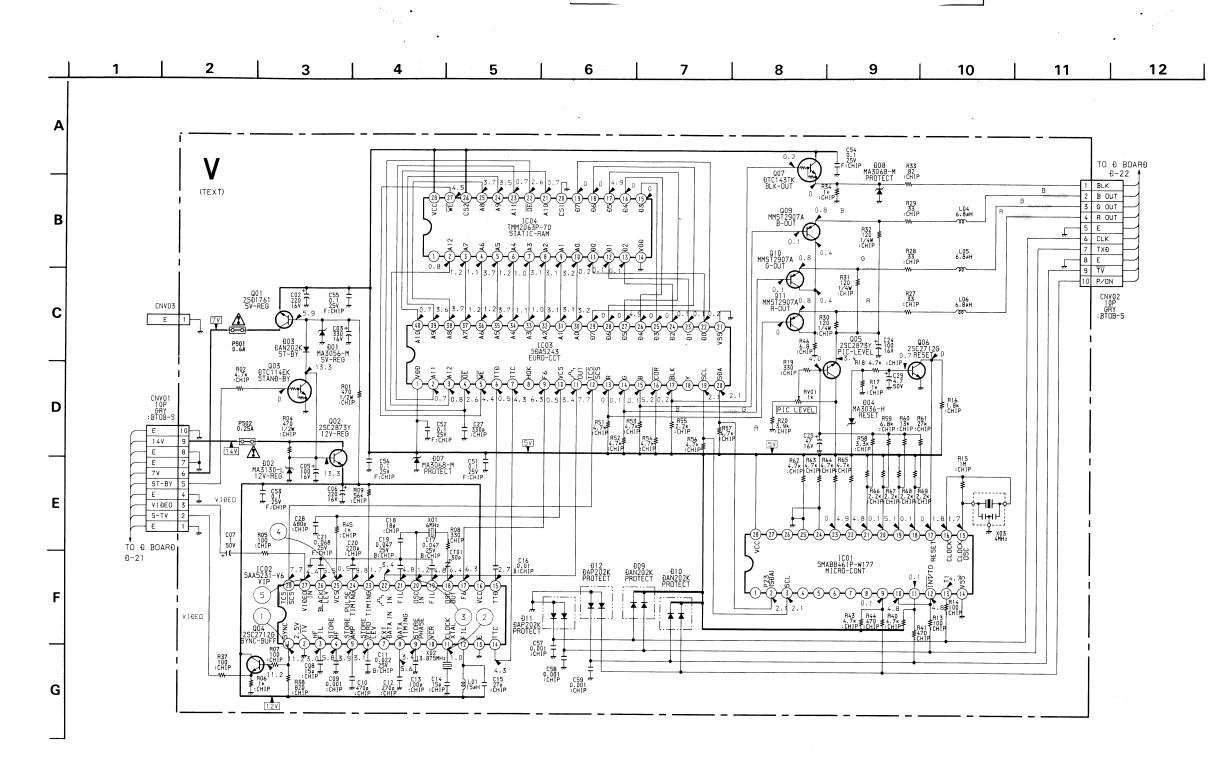


## B BOARD IC301 TDA4580

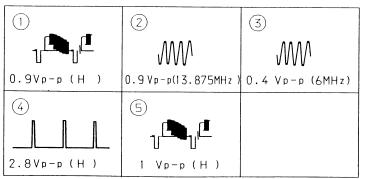


## -V Board-



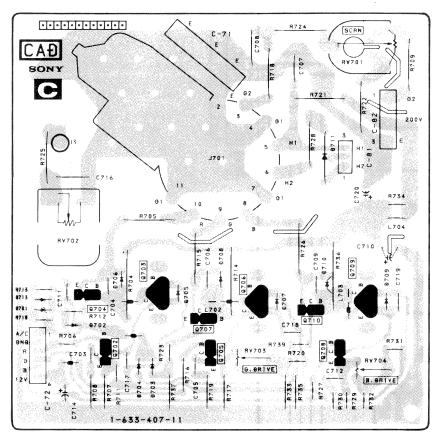


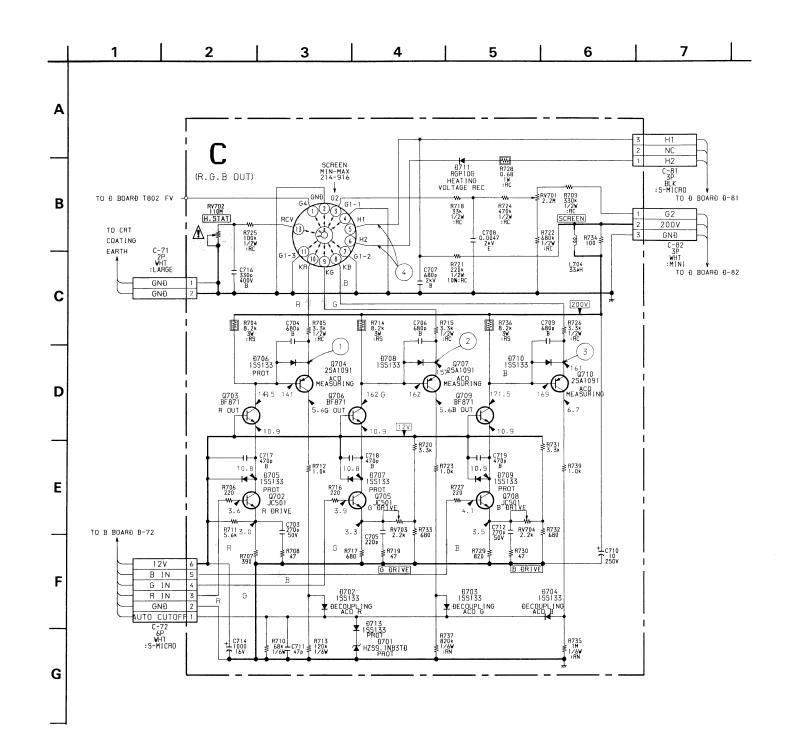
#### • WAVEFORMS V BOARD



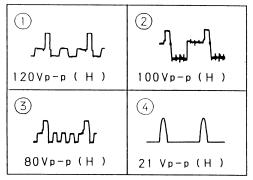
[R·G·B OUT]

-C Board-



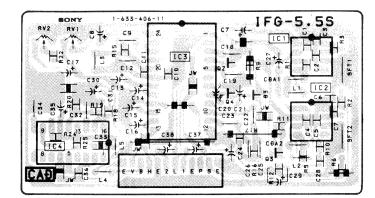


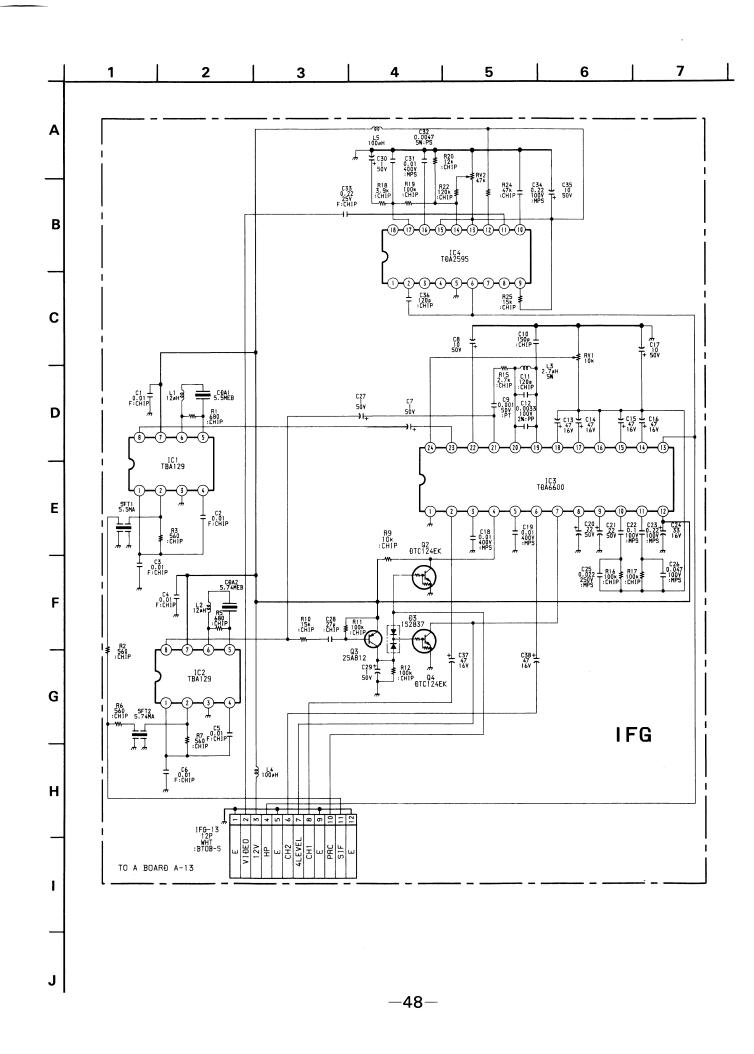
#### • WAVEFORMS C BOARD



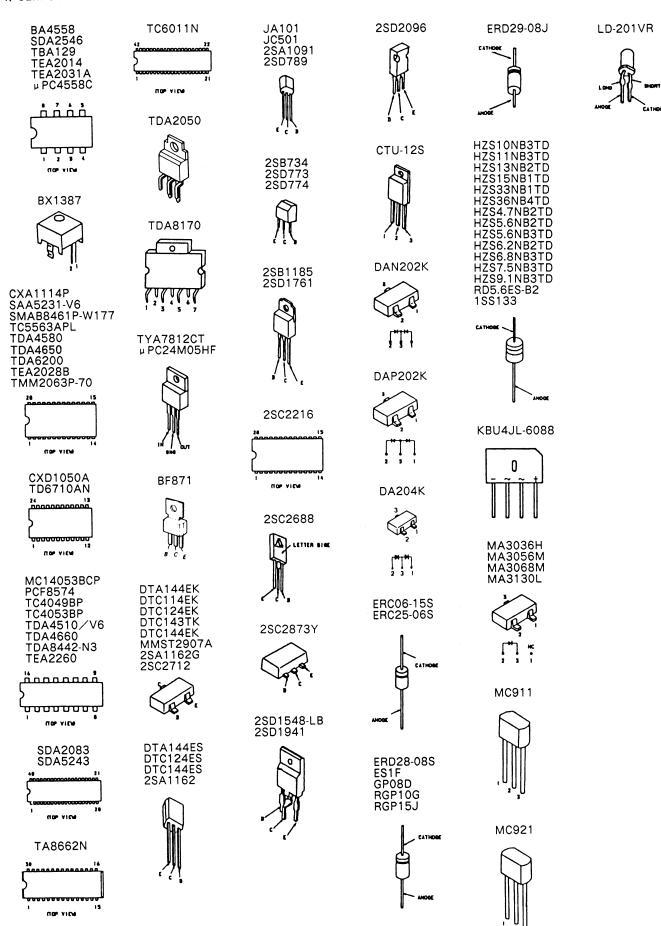


#### -IFG Board-





#### 5-4. SEMICONDUCTORS



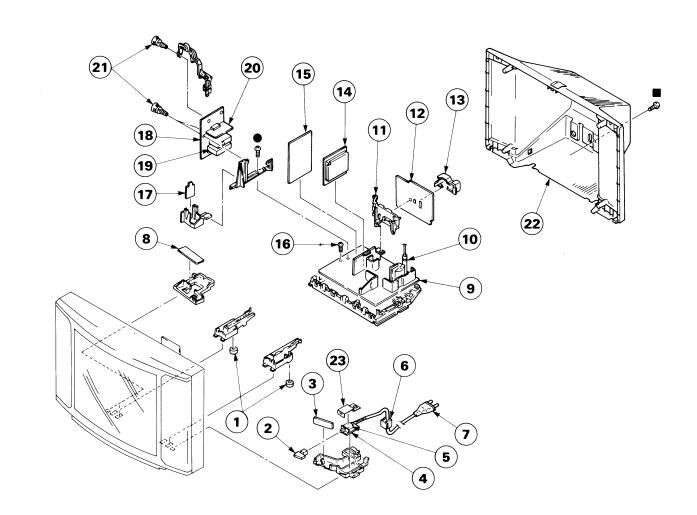
#### **SECTION 6 EXPLODED VIEWS**

- Items with no part number and no description are not stocked because they are seldom required for routine service.
- · The construction parts of an assembled part are indicated with a collation number in the remark column.
- Items marked " \* " are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.

The components identified by shading and mark 🛕 are critical for safety. Replace only with part number specified.

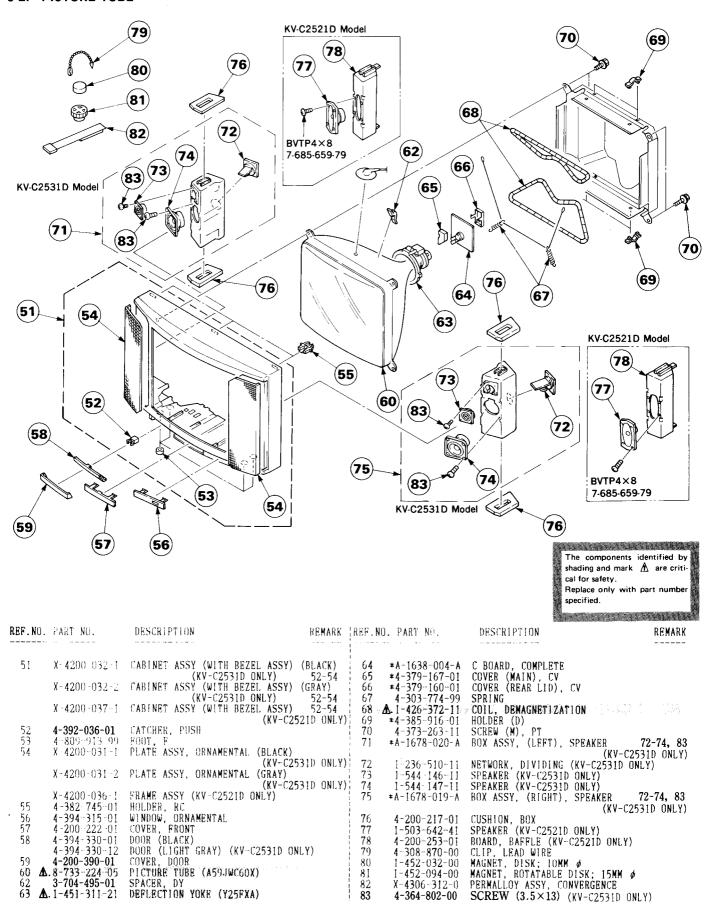
#### 6-1. CHASSIS

- ●:BVTP3×12 7-685-648-79
- ■:BTVP4×16 7-685-663-79



REF.NO. PART NO.	DESCRIPTION	REMARK	REF.N	O. PART NO.	DESCRIPTION	REMARK
4 *1-033-408-11 5 <b>A.</b> 1-571-433-11 6 <b>A.</b> 4-389-201-02 7 <b>A.</b> 1-575-487-11 8 *1-633-409-11 9 *A-1642-011-A 10 <b>A.</b> 1-439-416-11 11 *4-386-624-11	BUTTON, POWER H2 BOARD F BOARD SWITCH, PUSH (AC POWER) HOLDER, AC CORD CORD, POWER (WITH NOISE FILTER) H1 BOARD D BOARD, COMPLETE TRANSFORMER ASSY, FLYBACK (UX-160	0)	13 14 15 16 17 18 19 20 21 22 23	*A-1621-010-A 4-364-802-00 *1-633-411-11 *A-1632-005-A • 1-465-301-11	V BOARD, COMPLETE B BOARD, COMPLETE SCREW (3.5X13) J2 BOARD A BOARD, COMPLETE TUNBR, ET (UV-816(PLL IFG BOARD, COMPLETE RIVET, T TYPE COVER, REAR (BLACK)	

#### 6-2. PICTURE TUBE





## SECTION 7 ELECTRICAL PARTS LIST

NOTE:

 Items marked " \* " are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.

 All variable and adjustable resistors have characteristic curve B, unless otherwise noted. When indicating parts by reference number, please include the board name.

CAPACITORS
• MF : μF, PF : μμF

COILS • MMH : ιπΗ, UH : μΗ The components identified by shading and mark A are critical for safety.

Replace only with part number specified.

RESISTORS

• All resistors are in ohms

• F : nonflammable

REF.NO. PART NO.	DESCRIPTION	REMARI	K   REF.NO	. PART NO.	DESCRIPTION		REMARK 
*A-1347-031-A	V BOARD, COMPLETE			<d10< td=""><td></td><td></td><td></td></d10<>			
	V BOARD, COMPLETE ***********************************	, A1	D01 D02 D03 D04 D07	8-719-106-79 8-719-400-18 8-719-105-52	DIODE RD5.6M-B DIODE RD13M-B1 DIODE MA152WK DIODE RD3.6M-B DIODE RD6.8M-B	32	
C02 1-124-120-11 C03 1-124-119-00 C05 1-126-101-11 C06 1-124-120-11 C07 1-124-791-11	ELECT 330MF ELECT 100MF ELECT 220MF	20% 16V 20% 16V 20% 16V 20% 16V 20% 50V	D08 D09 D10 D11 D12	8-719-400-18 8-719-400-18 8-719-914-44	DIODE RD6.8M-B DIODE MA152WK DIODE MA152WK DIODE DAP202K DIODE DAP202K	32	
C08 1-163-097-00 C09 1-163-141-00 C10 1-163-133-00 C11 1-163-037-11 C12 1-163-127-00	CERAMIC CHIP 0.001MF CERAMIC CHIP 470PF CERAMIC CHIP 0.022MF CERAMIC CHIP 270PF	5% 50V 5% 50V 5% 50V 10% 25V 5% 50V	IC1 IC2 IC3	8-759-972-96 8-759-032-98	IC MAB-8461P-W IC SAA5231-V6 IC SDA5243		
C13 1-163-117-00 C14 1-163-097-00 C15 1-163-103-00 C16 1-164-232-11 C17 1-163-809-11	CERAMIC CHIP 15PF CERAMIC CHIP 27PF	5% 50V 5% 50V 5% 50V 10% 50V 10% 25V	104	<001			
C18 1-163-099-00 C19 1-163-809-11 C20 1-163-125-00 C21 1-163-833-00 C24 1-126-101-11	CERAMIC CHIP 0.047MF CERAMIC CHIP 220PF	5% 50V 10% 25V 5% 50V 25V 20% 16V	L01 L04 L05 L06		INDUCTOR	15UH 6.8UH 6.8UH 6.8UH	
C25 1-124-477-11 C27 1-163-129-00 C28 1-163-137-00 C29 1-124-927-11 C51 1-163-038-00	CERAMIC CHIP 330PF CERAMIC CHIP 680PF ELECT 4.7MF	20% 16V 5% 50V 5% 50V 20% 50V 25V	PS01 Z PS02 Z	<b>1.</b> 1-532-679-91 <b>1.</b> 1-532-727-91 <b>1.</b> 1-532-727-91	LINK> LINK, IC (ICP- LINK, IC 0.25A	N15) O.6A	
C52 1-163-038-00 C53 1-163-038-00 C54 1-163-038-00 C55 1-163-038-00 C56 1-163-038-00	CERAMIC CHIP O.IMF CERAMIC CHIP O.IMF	25V 25V 25V 25V 25V	Q3 Q01 Q02 Q04 Q05	8-729-900-53 8-729-107-26 8-729-807-50	INSISTOR>  TRANSISTOR DTC TRANSISTOR 2SD TRANSISTOR 2SD TRANSISTOR 2SC TRANSISTOR 2SC	1585-K 1623-R 2712-G	
C57 1-163-141-00 C58 1-163-141-00 C59 1-163-141-00	CERAMIC CHIP 0.001MF CERAMIC CHIP 0.001MF CERAMIC CHIP 0.001MF	5% 50V 5% 50V 5% 50V	Q06 Q07 Q09 Q10	8-729-271-22 8-729-900-98 8-729-807-87 8-729-807-87	TRANSISTOR 2SC TRANSISTOR DTC TRANSISTOR 2SB	2712-G 143TK 1295-UL6 1295-UL6	
CNV02 *1-565-393-11	CONNECTOR, BOARD TO BOARD CONNECTOR, BOARD TO BOARD	)	1 	<re><res< td=""><td>ISTOR&gt;</td><td></td><td></td></res<></re>	ISTOR>		
<tri< td=""><td>PIN, CONNECTOR (5MM PITCE MMER&gt; CAP, VAR, TRIMMER (1 GANG</td><td></td><td>JW1 JW2 JW3 JW4 JW5</td><td>1-216-295-00 1-216-295-00 1-216-295-00 1-216-295-00 1-216-295-00</td><td>METAL GLAZE ( METAL GLAZE ( METAL GLAZE (</td><td>0 5% 0 5% 0 5% 0 5% 0 5%</td><td>1/10W 1/10W 1/10W 1/10W 1/10W</td></tri<>	PIN, CONNECTOR (5MM PITCE MMER> CAP, VAR, TRIMMER (1 GANG		JW1 JW2 JW3 JW4 JW5	1-216-295-00 1-216-295-00 1-216-295-00 1-216-295-00 1-216-295-00	METAL GLAZE ( METAL GLAZE ( METAL GLAZE (	0 5% 0 5% 0 5% 0 5% 0 5%	1/10W 1/10W 1/10W 1/10W 1/10W
			JW6	1-216-295-00	METAL GLAZE	0 <b>5%</b>	1/10W



REF.NO.	PART NO.	DESCRIPTION			REMARK	REF.NO.	PART NO.	DESCRIPTION		_	REMARK
JW7 JW8 JW9 JW10 JW11	1-216-295-00 1-216-295-00 1-216-295-00 1-216-295-00 1-216-295-00	METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE	0 5% 0 5% 0 5% 0 5% 0 5%	1/10W 1/10W 1/10W 1/10W 1/10W		R64 R65 R66 R67 R68	1-216-065-00 1-216-065-00 1-216-057-00 1-216-057-00 1-216-057-00	METAL GLAZE METAL GLAZE	4.7K 5% 4.7K 5% 2.2K 5% 2.2K 5% 2.2K 5% 2.2K 5%	1/10W 1/10W 1/10W 1/10W 1/10W	
JW12 JW13 JW14 JW15 JW16	1-216-295-00 1-216-295-00 1-216-295-00 1-216-295-00 1-216-295-00	METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE	0 5% 0 5% 0 5% 0 5% 0 5%	1/10W 1/10W 1/10W 1/10W 1/10W		R69	1-216-057-00	METAL GLAZE TABLE RESISTO	R>	1/100	
JW17 JW18 JW19 JW20 JW21	1-216-295-00 1-216-295-00 1-216-295-00 1-216-295-00 1-216-295-00	METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE	0 5% 0 5% 0 5% 0 5% 0 5%	1/10W 1/10W 1/10W 1/10W 1/10W		X01 X02		STAL> OSCILLATOR,	CRYSTAL		
JW22 JW23 JW24 JW25 R01	1-216-295-00 1-216-295-00 1-216-295-00 1-216-295-00 1-218-326-11	METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE	0 5% 0 5% 0 5% 0 5% 470 5%	1/10W 1/10W 1/10W 1/10W 1/10W		X03	1-577-082-11 ***********************************	VIBRATOR, CE	RAMIC ************ PLETE	******	******
R02 R04 R05 R06 R07	1-216-065-00 1-218-326-11 1-216-025-00 1-216-049-00 1-216-025-00	METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE	4.7K 5% 470 5% 100 5% 1K 5% 100 5%	1/10W 1/2W 1/10W 1/10W 1/10W			*1-565-393-11 *1-568-881-51		OARD TO BOAR OR 6P	D	
R08 R09 R13 R14 R15	1 · 216 - 037 · 00 1 - 216 - 091 · 00 1 - 216 - 025 - 00 1 - 216 - 025 - 00 1 - 216 - 121 - 00	METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE	330 5% 56K 5% 100 5% 100 5% 1M 5%	1/10W 1/10W 1/10W		C301 C302 C303 C304 C305	1-106-228-00 1-106-228-00 1-124-122-11 1-106-228-00 1-124-119-00		0.22MF 0.22MF 100MF 0.22MF 330MF	10% 10% 20% 10% 20%	100V 100V 50V 100V 16V
R16 R17 R18 R19 R20	1-216-055-00 1-216-049-00 1-216-065-00 1-216-037-00 1-216-063-00	METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE	1.8K 5% 1K 5% 4.7K 5% 330 5% 3.9K 5%	1/10W 1/10W		C306 C307 C308 C309 C310	1-124-902-00 1-124-902-00 1-124-902-00 1-124-902-00 1-106-220-00	ELECT ELECT ELECT ELECT MYLAR	0.47MF 0.47MF 0.47MF 0.47MF 0.1MF	20% 20% 20% 20% 10%	50 <b>V</b> 50 <b>V</b> 50 <b>V</b> 50 <b>V</b> 100 <b>V</b>
R27 R28 R29 R30 R31	1-216-013-00 1-216-013-00 1-216-013-00 1-218-325-11 1-218-325-11	METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE	33 5% 33 5% 33 5% 120 5% 120 5%	1/10W 1/4W 1/4W		C311 C312 C313 C314 C315	1-106-220-00 1-124-902-00 1-124-902-00 1-124-902-00 1-124-791-11	MYLAR ELECT ELECT ELECT ELECT	0.1MF 0.47MF 0.47MF 0.47MF 1MF	10% 20% 20% 20% 20%	100V 50V 50V 50V 50V
R32 R33 R34 R37 R38	1-218-325-11 1-216-023-00 1-216-049-00 1-216-025-00 1-216-047-00	METAL GLAZE METAL GLAZE METAL GLAZE	120 5% 82 5% 1K 5% 100 5% 820 5%	1/10W 1/10W 1/10W		C316 C317 C318 C320 C321	1-106-220-00 1-124-910-11 1-106-220-00 1-163-121-00 1-163-127-00	ELECT	0.1MF 47MF 0.1MF 150PF 270PF	10% 20% 10% 5%	100V 50V 100V 50V 50V
R40 R41 R43 R44 R45	1-216-065-00 1-216-041-00 1-216-065-00 1-216-041-00 1-216-049-00	METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE	4.7K 5% 470 5% 4.7K 5% 470 5% 1K 5%	1/10W 1/10W 1/10W 1/10W		C322 C323 C327 C330 C331	1-163-121-00 1-102-947-00 1-164-232-11 1-163-113-00 1-106-220-00	CERAMIC CHIP CERAMIC CERAMIC CHIP CERAMIC CHIP MYLAR	10PF 0.01 <b>M</b> F	5% 0.5PF 5% 10%	50V 50V 50V 50V 100V
R46 R51 R52 R53 R54	1-216-311-00 1-216-065-00 1-216-065-00 1-216-065-00 1-216-065-00	METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE	6.8 5% 4.7K 5% 4.7K 5% 4.7K 5% 4.7K 5%	1/10W 1/10W		C332 C333 C334 C335 C336	1-126-103-11 1-106-375-12 1-163-097-00 1-163-097-00 1-102-816-00	ELECT MYLAR CERAMIC CHIP CERAMIC CHIP CERAMIC	470MF 0.022MF 15PF 15PF 120PF	20% 10% 5% 5% 5%	16V 250V 50V 50V 50V
R55 R56 R57 R58 R59	1-216-057-00 1-216-065-00 1-216-065-00 1-216-061-00 1-216-069-00		2.2K 5% 4.7K 5% 4.7K 5% 3.3K 5% 6.8K 5%	( 1/10W		C337 C338 C339 C341 C343	1-101-004-00 1-106-220-00 1-106-220-00 1-163-125-00 1-106-383-00	CERAMIC MYLAR MYLAR CERAMIC CHIF MYLAR	0.01MF 0.1MF 0.1MF 220PF 0.047MF	10% 10% 5% 10%	50V 100V 100V 50V 100V
R60 R61 R62 R63	1-216-076-00 1-216-083-00 1-216-065-00 1-216-065-00	METAL GLAZE METAL GLAZE	13K 5% 27K 5% 4.7K 5% 4.7K 5%	{ 1/10₩ { 1/10₩		C344 C345 C346	1-130-783-00 1-163-123-00 1-163-033-00	MYLAR CERAMIC CHIE CERAMIC CHIE	0.33MF 2 180PF 2 0.022MF	10% 5%	100 <b>V</b> 50 <b>V</b> 50 <b>V</b>

REF.NO. PART N	O. DESCRIPTION	DN 		REMARK	REF.NO.	PART NO.	DESCRIPTION	V -		REMARK
C347 1 124- C348 1-124- C349 1-101- C350 1-101- C351 1-106-	-791-11 ELECT -791-11 ELECT -004-00 CERAMIC -004-00 CERAMIC -375-12 MYLAR	1MF 1MF 0.01MF 0.01MF 0.022MF	20% 20% 10%	50V 50V 50V 50V 250V	DL401	1-415-613-11 <ic></ic>	DELAY LINE,	Υ		
C352 I-106- C353 I-163- C354 I-124- C357 I-163-	-375-12 MYLAR -063-00 CERAMIC CH. -910-11 ELECT -117-00 CERAMIC CH. -917-11 ELECT	0.022MF P 0.022MF 47MF	10% 10% 20% 5% 20%	250V 50V 50V 50V 50V	10302   10303   10331	8-759-979-85 8-759-980-60 8-759-040-53 8-759-990-29 8-759-990-30	IC TDA8442N3 IC MC14053BC IC TDA4650	}		
C360 1-101- C364 1-163- C365 1-124-	-103-00 CERAMIC CH -004-00 CERAMIC -105-00 CERAMIC CH -910-11 ELECT -103-11 BLECT	47MF	5% 5% 20% 20%	50 V 50 V 50 V 50 V 16 V	L303	1-410-868-11 1-410-868-11 1-408-408-00 1-404-554-11	INDUCTOR INDUCTOR INDUCTOR	4.7UH 4.7UH 8.2UH		
C381 I=124= C382 I=124= C384 I=124=		4.7MF	20% 20% 20% 20%	50V 50V 50V 50V 50V	L336 L338 L1301	1 -404 -554-11 1 -408 -409 -00 1 -408 -425-00 1 -408 -419-00	COIL INDUCTOR INDUCTOR	10UH 220UH 68UH		
C387 1-130- C388 1-106-	-220-00 MYLAR	4.7MF 0.82MF 0.1MF	20% 10% 10%	50V 63V 100V		<tra< td=""><td>NSISTOR</td><td></td><td></td><td></td></tra<>	NSISTOR			
C401 1-101- C402 1-163-	361-00 CERAMIC 197-00 CERAMIC CHI	150PF P 470PF	5% 5%	50 <b>V</b> 50 <b>V</b>	Q301 Q303 Q305	8-729-271-22 8-729-271-22 8-729-901-00	TRANSISTOR 2 TRANSISTOR D	2SC2712-G DTC124EK		
C1311 1-163- C1312 1-163-	111-00 CERAMIC CHI 101-00 CERAMIC CHI	P 0.01MF P 56PF P 22PF 18PF	5% 5% 5%	50V 50V 50V	Q306 Q311 Q312	8-729-119-78 8-729-271-22 8-729-271-22	TRANSISTOR 2 TRANSISTOR 2 TRANSISTOR 2	SC2712-G	3	
	<trimmer></trimmer>	1011	J An	301	0313 0316 0330 0331	8-729-271-22 8-729-271-22 8-729-216-22 8-729-901-00	TRANSISTOR 2 TRANSISTOR 2 TRANSISTOR 2 TRANSISTOR D	SC2712-G SC2712-G SA1162-G		
	418-11 CAP, ADJ 418-11 CAP, ADJ <diode></diode>				Q332 Q333 Q334 Q335	8-729-216-22 8-729-216-22 8-729-271-22 8-729-271-22	TRANSISTOR 2 TRANSISTOR 2 TRANSISTOR 2 TRANSISTOR 2	SA1162-G SC2712-G		
D302 8-719- D303 8-719- D304 8-719-	911-19 DIODE ISSII 911-19 DIODE ISSII 911-19 DIODE ISSII 911-19 DIODE ISSII 911-19 DIODE ISSII	9 9 9			Q336 Q381 Q382 Q1301 Q1306	8-729-900-36 8-729-901-00 8-729-271-22 8-729-900-36 8-729-271-22	TRANSISTOR D TRANSISTOR 2 TRANSISTOR D	TC124EK SC2712-G TC124ES		
D308 8-719-	929-24 DIODE HZS11 911-19 DIODE ISS11	9			••••		ISTOR>			
D310 8-719-	911-19 DIODE ISSII 929-24 DIODE HZSII 929-24 DIODE HZSII	NB3			JR390	1-216-295-00 1-216-295-00	METAL GLAZE	0 5% 0 5%	1/10W 1/10W	
D312 8-719- D313 8-719- D314 8-719-	911-19 DIODE ISSI1 911-19 DIODE ISSI1	9		       	R301 R302 R303	1-249-409-11 1-249-409-11 1-249-409-11	CARBON CARBON CARBON	0 5% 0 5% 220 5% 220 5% 220 5%	1/4W 1/4W 1/4W	
D315 8-719- D316 8-719-	911-19 DIODE ISS11	9		 	R304 R305 R307	1-249-409-11 1-216-057-00 1-216-097-00	CARBON METAL GLAZE METAL GLAZE	220 5% 2.2K 5% 100K 5% 270 5% 100 5%	1/4W 1/10W 1/10W	
D317 8-719- D318 8-719- D319 8-719- D320 8-719-	911-19 DIODE ISSI1 911-19 DIODE ISSI1	9 9		 	R308 R309 R310	1-216-184-00 1-216-025-00 1-216-025-00	METAL GLAZE METAL GLAZE METAL GLAZE			
D331 8-719-1 D332 8-719-1 D333 8-719-1	911-19 DIODE 18811 911-19 DIODE 18811 911-19 DIODE 18811	9 9 <del>9</del>		; ; ; ; ;	R311 R312 R313 R314		METAL GLAZE CARBON METAL GLAZE METAL GLAZE	100 5% 100 5% 220 5% 22K 5% 220 5%	1/10W 1/4W 1/10W 1/8W	
D350 8-719-	928-94 DIODE HZS5. <delay line=""></delay>	PNR3		 	R315 R316	1-216-027-00 1-216-027-00	METAL GLAZE METAL GLAZE	120 5% 120 5%	1/10W 1/10W	
DL332 1-236-0	062-11 MODULE, Y D	ELAY LINE			R318	1-249-429-11	METAL GLAZE CARBON CARBON	120 5% 120 5% 120 5% 10K 5% 220 5%	1/10W 1/4W 1/4W	

The components identified by shading and mark  $\triangle$  are critical for safety. Replace only with part number specified.

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	REM	ARK

REF.NO.	PART NO.	DESCR!PTION				REMARK	REF.NO.	PART NO.	DESCRIPTION			REMARK
R320 R321 R322 R323 R324	1-216-198-00 1-216-057-00 1-216-055-00 1-249-422-11 1-249-429-11	METAL GLAZE METAL GLAZE METAL GLAZE CARBON CARBON	1K 2.2K 1.8K 2.7K 10K	5% 5% 5% 5%	1/8W 1/10W 1/10W 1/4W 1/4W		R401 R402 R403 R404 R405	1-216-053-00 1-216-051-00 1-216-025-00 1-216-059-00 1-216-065-00	METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE	1.5K 5% 1.2K 5% 100 5% 2.7K 5% 4.7K 5%	1/10W 1/10W 1/10W 1/10W 1/10W	
R325 R328 R329 R330 R331	1-216-073-00 1-216-009-00 1-216-009-00 1-216-009-00 1-216-001-00	METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE	10K 22 22 22 22 10	5% 5% 5% 5%	1/10W 1/10W 1/10W 1/10W 1/10W		R406 R407 R410 R412 R1301	1-216-061-00 1-216-047-00 1-216-184-00 1-216-065-00 1-216-065-00	METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE	3.3K 5% 820 5% 270 5% 1.5K 5% 4.7K 5%	1/10W 1/10W 1/8W 1/10W 1/10W	
R332 R333 R334 R335 R336	1-216-184-00 1-216-121-00 1-216-073-00 1-247-852-11 1-216-061-00	METAL GLAZE METAL GLAZE METAL GLAZE CARBON METAL GLAZE	270 1 <b>M</b> 10K 7.5K 3.3K	5% 5% 5% 5%	1/8W 1/10W 1/10W 1/4W 1/10W		R1305 RV331	1-216-001-00 <var 1-238-012-11</var 	TABLE RESISTOR	<b>}</b> >	1/10W	
R337 R338 R339 R340 R341	I-216-184-00 1-216-001-00 I-216-033-00 1-216-121-00 1-216-031-00	METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE	270 10 220 1 <b>M</b> 180	55555555555555555555555555555555555555	1/8W 1/10W 1/10W 1/10W 1/10W		X331 X332	<cry< td=""><td>STAL&gt; OSCILLATOR, OSCILLATOR, O</td><td>CRYSTAL</td><td></td><td></td></cry<>	STAL> OSCILLATOR, OSCILLATOR, O	CRYSTAL		
R342 R344 R346 R347 R348	1-216-041-00 1-216-089-00 1-216-202-00 1-216-073-00 1-216-089-00	METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE	470 47K 1.5K 10K 47K	5% 5% 5% 5% 5%	1/10W 1/10W 1/8W 1/10W 1/10W			*********** *1-633-408-11	F BOARD *****		*****	******
R349 R350 R351 R354 R355	1-216-045-00 1-216-045-00 1-216-033-00 1-216-033-00 1-216-061-00	METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE	680 680 220 220 3.3K	5% 5% 5% 5%	1/10W 1/10W 1/10W 1/10W 1/10W		! ! ! !	*1-566-664-11 <fus • 1-532-350-14</fus 	E>	AG 4A/250V	el ellige e	
R356 R358 R359 R360 R361	1-216-069-00 1-216-033-00 1-216-089-00 1-216-089-00 1-216-057-00	METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE	6.8K 220 47K 47K 2.2K	5%% 5%% 5%% 5%%	1/10W 1/10W 1/10W 1/10W 1/10W			1-533-230-11	TCH>	; F1601		
R362 R363 R364 R365 R366	1-216-065-00 1-216-055-00 1-216-059-00 1-216-047-00 1-216-059-00	METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE	4.7K 1.8K 2.7K 820 2.7K	5% 5% 5% 5% 5%	1/10W 1/10W 1/10W 1/10W 1/10W		*****	**************************************	A BOARD, COM	******** PLETE *****	******	
R367 R370 R372 R376 R377	1-216-033-00 1-216-033-00 1-216-023-00 1-249-429-11 1-216-043-00	METAL GLAZE METAL GLAZE METAL GLAZE CARBON METAL GLAZE	220 220 82 10K 560	5% 5% 5% 5%	1/10W 1/10W 1/10W 1/4W 1/10W			*1-560-290-00 *1-564-881-11 *1-564-886-11 *1-565-393-11 *1-565-503-11	PLUG, CONNEC PLUG, CONNEC CONNECTOR, B	TOR 4P TOR 9P OARD TO BOA	RD	
R378 R379 R380 R381 R382	1 · 216 - 097 - 00 1 - 216 - 089 - 00 1 - 216 - 071 - 00 1 - 216 - 093 - 00 1 - 216 - 103 - 00	METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE	100K 47K 8.2K 68K 180K	5% 5% 5% 5%	1/10W 1/10W 1/10W 1/10W 1/10W		C101 C102 C104	<caf 1-126-233-11 1-126-103-11 1-124-910-11</caf 	PACITOR> BLECT ELECT ELECT ELECT	22MF 470MF 47MF	20% 20% 20%	50 V 16 V 50 V
R383 R384 R385 R387 R388	1-216-115-00 1-216-029-00 1-216-085-00 1-216-049-00 1-216-049-00	METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE	560K 150 33K 1K 1K	5% 5% 5% 5%	1/10W 1/10W 1/10W 1/10W 1/10W		C104 C106 C108 C109 C111 C115	1-126-233-11 1-136-165-00 1-163-133-00 1-124-925-11 1-124-925-11	ELECT FILM CERAMIC CHIP ELECT ELECT	22MF 0.1MF	20% 20% 20% 5% 5% 20% 20%	50V 50V 50V 50V 50V
R389 R390 R391 R392 R393	1-216-101-00 1-216-033-00 1-216-023-00 1-216-019-00 1-216-019-00	METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE	150K 220 82 56 56	5% 5% 5% 5%	1/10W 1/10W 1/10W 1/10W 1/10W		C127 C128 C129 C138 C171	1-124-122-11 1-124-910-11 1-124-910-11 1-136-165-00 1-163-005-11	ELECT ELECT ELECT FILM CERAMIC CHIP	100MF 47MF 47MF 0.1MF 470PF	20% 20% 20% 5% 10%	50 V 50 V 50 V 50 V 50 V
R394 R395 R396 R398	I-216-019-00 I-216-214-00 I-216-041-00 I-216-081-00	METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE	56 4.7K 470 22K	5% 5% 5%	1/10W 1/8W 1/10W 1/10W		C172 C177 C181	1-163-005-11 1-102-074-00 1-101-004-00	CERAMIC CHIP CERAMIC	470PF 0.001MF 0.01MF	10% 10%	50V 50V 50V



The components identified by shading and mark 🧥 are critical for safety.
Replace only with part number specified.

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	PART NO.	DESCRIPTION			REMARK	REF. NO	. PART NO.	DESCRIPTION	N -		REMARK
						1	<  F	BLOCK>			
	(10)	,				VIF10	1 1-466 154-21	IF BLOCK (II	FG-389S)		
1C103	8-759 -979 -62	LC PCF8574				****	*******	*********	********	******	*******
	<001	L>					*A-1638-004-A	C BOARD, COI			
	1-410-116-11 1-408-225-00 1-408-413-00 1-408-397-00	ENDUCTOR ENDUCTOR ENDUCTOR ENDUCTOR	0.56M 3.3UH 22UH 1UH			1 1 1 1 1 1 1 1 1 1	*1-508-765-00 *1-568-878-51 *1-568-881-51 *4-379-160-01 *4-379-167-01	PIN, CONNECT PIN, CONNECT COVER (REAR	TOR 3P TOR 6P LID), CV	СН) ЗР	
	<tra< td=""><td>NSISTOR&gt;</td><td></td><td></td><td></td><td>1</td><td>&lt;00<b>1</b></td><td>ՈՒԵՇՓՈՒՏ</td><td></td><td></td><td></td></tra<>	NSISTOR>				1	<00 <b>1</b>	ՈՒԵՇՓՈՒՏ			
Q113 Q114	8-729-271-22	TRANSISTOR 2: TRANSISTOR 2:	SC2712 G			C71		NECTOR>	rop op		
Q115	8-729-271-22 8-729-271-22	TRANSISTOR 2: TRANSISTOR 2: TRANSISTOR 2:	SC2712-G			C71	*1-506-371-00	PIN, CUNNEC	IUR ZP		
Q116 Q125	8-729-271-22 8-729-900-89	TRANSISTOR D'	TC144ES			1	<caf< td=""><td>PACITOR&gt;</td><td></td><td></td><td></td></caf<>	PACITOR>			
Q126 Q181	8-729-901-06 8-729-119-78	TRANSISTOR D'TRANSISTOR 2		FE		C703 C704 C705 C706	1-102-980-00 1-102-116-00 1-102-978-00 1-102-116-00	CERAMIC CERAMIC	270PF 680PF 220PF 680PF	5% 10% 5% 10%	50 V 50 V 50 V 50 V
	<res< td=""><td>ISTOR-</td><td></td><td></td><td></td><td>C707</td><td>1-162-116-00</td><td>CERAMIC</td><td>680PF</td><td>10%</td><td>2KV</td></res<>	ISTOR-				C707	1-162-116-00	CERAMIC	680PF	10%	2KV
JR253 - JR255 JR256	1-216-296-00 1-216-296-00 1-216-296-00 1-216-296-00 1-216-296-00	METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE	0 0 0 0	5% 1/8W 5% 1/8W 5% 1/8W 5% 1/8W 5% 1/8W		C708 C709 C710 C711 C711	1-162-114-00 1-102-116-00 1-123-947-00 1-101-880-00 1-102-980-00		0.0047MF 680PF 10MF 47PF 270PF	10% 20% 5%	2KV 50V 250V 50V 50V
	1-216-296-00	METAL GLAZE	0	5% 1/8W		C714	1-124-360-00	ELECT	1000MF	20%	16V
R101 R105 R107 R108	I-216-025-00 I-216-079-00 I-216-08I-00 I-216-079-00	METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE	100 18K 22K 18K	5% 1/10W 5% 1/10W 5% 1/10W 5% 1/10W		C716 C717 C718 C719	1-162-622-11 1-102-114-00 1-102-114-00 1-102-114-00	CERAMIC CERAMIC CERAMIC CERAMIC	330PF 470PF 470PF 470PF	10% 10% 10% 10%	400V 50V 50V 50V
R110 R111	1-2 <b>49-429-11</b> 1-216-061-00	CARBON METAL GLAZE	10K 3.3K	5% 1/4W 5% 1/10W		1	<010	nows			
R116 R118	1-216-023-00 1-216-085-00	METAL GLAZE METAL GLAZE	82 33K	5% 1/10W 5% 1/10W 5% 1/10W		D701	8-719-929-16		INRS		
R128	1-216-027-00	METAL GLAZE	120	5% 1/10W		D702 D703	8-719-911-19 8-719-911-19	DIODE ISSII9	)		
R129 R130	1-216-057-00 1-216-057-00	METAL GLAZE METAL GLAZE	2.2K 2.2K	5% 1/10W 5% 1/10W		D704 D705	8-719-911-19 8-719-911-19	DIODE ISSIIS	)		
R157 R158		METAL GLAZE CARBON	1 K	5% 1/10W		D <b>7</b> 06	8-719-911-19	DIODE ISSIIS			
R159	1-249-409-11	CARBON		5% 1/4W 5% 1/4W		D707 D708	8-719-911-19 8-719-911-19	DIODE 188119 DIODE 188119	) )		
R161 R162	1-216-089-00 1-216-095-00	METAL GLAZE METAL GLAZE	47K 82K	5% 1/10W 5% 1/10W 5% 1/10W		D709 D710	8-719-911-19 8-719-911-19	DIODE 188119 DIODE 188119			
R163 R164 R165	1-216-095-00 1-216-075-00 1-216-075-00	METAL GLAZE METAL GLAZE METAL GLAZE	82K 12K 12K	5% 1/10W 5% 1/10W 5% 1/10W		D711 D713	8-719-300-33 8-719-911-19	DIODE RU-3AN DIODE ISSIIS			
R167	1-216-059-00	METAL GLAZE	2.7K	5% 1/10W		! ! !					
R168 R169	1-216-089-00 1-216-059-00	METAL GLAZE METAL GLAZE	47K 2.7K	5% 1/10W 5% 1/10W			<jac< td=""><td></td><td></td><td></td><td></td></jac<>				
R181 R182	1-216-049-00 1-216-065-00	METAL GLAZE METAL GLAZE	1K 4.7K	5% 1/10W 5% 1/10W 5% 1/10W		J701	1-526-990-11	SUCKET, PICT	TURE TUBE		
R193	1-216-073-00	METAL GLAZE	10K	5% 1/10W			< <b>co</b> 1	L>			
	1-216-017-00 1-216-017-00 1-216-113-00	METAL GLAZE METAL GLAZE METAL GLAZE	47 47 470K	5% 1/10W 5% 1/10W 5% 1/10W 5% 1/10W		L704	1-410-878-11	INDUCTOR	33UH		
	gq	ND.					<tra< td=""><td>NS1STOR&gt;</td><td></td><td></td><td></td></tra<>	NS1STOR>			
mus Aries	< TUNI			glandskriversom av 1		Q702	8-729-119-78	TRANSISTOR 2			
+0101 <b>W</b> .	1-465-301-11	TUNEN, ET (UV	-810(PLI	217		4703 4704 4705	8-729-906-70 8-729-200-17 8-729-119-78	TRANSISTOR E TRANSISTOR 2 TRANSISTOR 2	SA1091-0		



and the second										l_	
REF. №0.	PART NO.	DESCRIPTION			REMARK	REF.NO.	PART NO.	DESCRIPTION			REMAR
9706 9707 9708 9709 9710	8 729-906-70 8-729-200-17 8-729-119-78 8-729-906-70 8-729-200-17	TRANSISTOR BF TRANSISTOR 2S TRANSISTOR 2S TRANSISTOR BF TRANSISTOR 2S	871 A1091-0 C2785-HFE 871 A1091-0			; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ;	4-200-001-01 *4-341-751-01 *4-341-752-01 *4-368-683-01	HOLDER, IC EYELET EYELET SPRING			
		SISTOR>				1	<cap< td=""><td>ACITOR&gt;</td><td></td><td></td><td></td></cap<>	ACITOR>			
R704 R705 R706 R707 R708	1-216-486-00		8.2K 5% 3.3K 10% 220 5% 390 5% 47 5%	3W 1/2W 1/4W 1/4W 1/4W	F	C002 C003 C004 C005 C006	1-163-009-11 1-123-875-11 1-124-120-11 1-124-791-11 1-163-125-00	CERAMIC CHIP BLECT BLECT BLECT CERAMIC CHIP	10MF 220MF IMF	10% 20% 20% 20% 5%	50V 50V 16V 50V 50V
R709 R710 R711 R712 R713	1-202-844-00 1-215-465-00 1-249-426-11	SOLID	330K 10% 68K 1% 5.6K 5% 1K 5% 120K 1%			C007 C008 C009 C010 C011	1-163-125-00 1-163-109-00 1-163-109-00 1-124-120-11 1-164-232-11	CERAMIC CHIP CERAMIC CHIP CERAMIC CHIP BLECT CERAMIC CHIP		5% 5% 5% 20%	50V 50V 50V 16V 50V
R714 R715 R716 R717 R718	1-216-486-00 1-202-824-00	METAL OXIDE SOLID CARBON CARBON SOLID	8.2K 5% 3.3K 10% 220 5% 680 5% 33K 10%	3W 1/2W 1/4W 1/4W	F	C012 C013 C014 C015 C016	1-123-875-11 1-106-220-00 1-106-220-00 1-124-902-00 1-163-121-00	BLECT MYLAR MYLAR BLECT CERAMIC CHIP	10MF 0.1MF 0.1MF 0.47MF 150PF	20% 10% 10% 20% 5%	50V 100V 100V 50V 50V
R719 R720 R721 R722 R723	1-249-401-11	CARBON CARBON SOLID SOLID	47 5% 3.3K 5% 220K 10% 680K 10% 1K 5%	1/4W 1/4W 3 1/2W		C017 C018 C019 C020 C021	1-106-220-00 1-163-127-00 1-106-383-00 1-124-917-11 1-163-117-00	MYLAR CERAMIC CHIP MYLAR ELECT CERAMIC CHIP	0.047MF 33MF 100PF	10% 5% 10% 20% 5%	100V 50V 100V 50V 50V
R724 R725 R726 R727 R728	1-202-846-00 1-202-838-00 1-202-824-00 1-249-409-11 1-216-347-11	SOLID SOLID SOLID CARBON	470K 10% 100K 10% 3.3K 10% 220 5% 0.68 5%	1/2W 1/2W 1/2W 1/4W	F	C022 C023 C024 C025 C027	1-164-232-11 1-163-117-00 1-163-117-00 1-163-117-00 1-124-910-11	CERAMIC CHIP CERAMIC CHIP CERAMIC CHIP CERAMIC CHIP ELECT	100PF	5% 5% 5% 20%	50V 50V 50V 50V 50V
R729 R730 R731 R732 R733	1-249-416-11 1-249-401-11 1-249-423-11 1-249-415-11 1-249-415-11	CARBON CARBON CARBON	820 5% 47 5% 3.3K 5% 680 5% 680 5%	1/4W 1/4W 1/4W 1/4W 1/4W	•	C029 C030 C031 C032 C251	1-163-081-00 1-163-081-00 1-163-081-00 1-163-081-00 1-124-791-11	CERAMIC CHIP CERAMIC CHIP CERAMIC CHIP CERAMIC CHIP ELECT	0.22MF 0.22MF	20%	25V 25V 25V 25V 50V
R734 R735 R736 R737 R739	1-249-405-11 1-215-493-00 1-216-486-00 1-215-491-00	CARBON METAL METAL OXIDE METAL	100 5% 1M 1% 8.2K 5% 820K 1% 1K 5%	1/4W 1/6W 3W 1/6W 1/4W	F	C252 C253 C254 C255 C261	1-126-233-11 1-163-009-11 1-106-220-00 1-124-636-00 1-124-791-11	ELECT CERAMIC CHIP MYLAR ELECT ELECT	22MF 0.001MF 0.1MF 3300MF 1MF	20% 10% 10% 20% 20%	50V 50V 100V 25V 50V
R <b>V7</b> 01	<var< td=""><td>IABLE RESISTORS RES, ADJ, METARES, ADJ, METARES, ADJ, METARES</td><td>&gt; AL GLAZE 2</td><td>2M</td><td>ser e faci</td><td>C262 C263 C264 C265 C501</td><td>1-126-233-11 1-163-009-11 1-106-220-00 1-124-564-11 1-124-927-11</td><td>BLECT CERAMIC CHIP MYLAR ELECT ELECT</td><td></td><td>20% 10% 10% 20% 20%</td><td>50V 50V 100V 25V 50V</td></var<>	IABLE RESISTORS RES, ADJ, METARES, ADJ, METARES, ADJ, METARES	> AL GLAZE 2	2M	ser e faci	C262 C263 C264 C265 C501	1-126-233-11 1-163-009-11 1-106-220-00 1-124-564-11 1-124-927-11	BLECT CERAMIC CHIP MYLAR ELECT ELECT		20% 10% 10% 20% 20%	50V 50V 100V 25V 50V
RV703 RV704	1-237-749-11 1-237-749-11	RES, ADJ, CARE RES, ADJ, CARE	BON 2200 BON 2200			C502 C503 C504 C505 C506	1-124-927-11 1-106-371-00 1-163-121-00 1-108-794-11 1-106-375-12	ELECT MYLAR CERAMIC CHIP MYLAR MYLAR	4.7MF 0.015MF 150PF 0.0015MF 0.022MF	20% 10% 5% 5% 10%	50V 400V 50V 50V 250V
* * *	1-508-765-00 1-508-786-00 1-560-290-00	D BOARD, COMPLETED PIN, CONNECTOR PIN, CONNECTOR PLUG, CONNECTOR	**** R (5MM PIT R (5MM PIT DR (2.5MM	CH) 2P PITCH)		C507 C508 C509 C510 C511	1-130-783-00 1-106-375-12 1-106-220-00 1-161-959-00 1-108-620-11	MYLAR MYLAR MYLAR CERAMIC MYLAR	0.33MF 0.022MF 0.1MF 22PF 0.0033MF	10% 10% 10% 10% 10%	100V 250V 100V 500V 100V
* * *	1-565-394-11 1-566-367-11 1-568-106-11 1-568-536-11 1-568-878-51	PIN, BOARD TO CONNECTOR, HIM PIN, CONNECTOR PLUG (MINIATUR PIN, CONNECTOR	NGE (RECEP 1 4P 1E DY) 6P 1 3P			C512 C513 C514 C515 C516	1-106-220-00 1-163-125-00 1-106-228-00 1-124-791-11 1-108-614-11	MYLAR CERAMIC CHIP MYLAR ELECT MYLAR	0.1MF 220PF 0.22MF 1MF 0.001MF	10% 5% 10% 20%	100 <b>V</b> 50 <b>V</b> 100 <b>V</b> 50 <b>V</b> 100 <b>V</b>
	1-568-881-51 :1-568-882-51	PIN, CONNECTOR PIN, CONNECTOR			1 1 1 1 1	C517 C518	1-124-252-00 1-124-902-00	BLECT ELECT	0.33MF 0.47MF	20% 20%	50 V 50 V



REF.NO. PART NO.	DESCRIPTION	V		REMARK	REF.NO.	PART NO.	DESCRIPTION REMAR	ĸ
C519 1-136-173-00 C520 1-164-161-11 C521 1-106-220-00 C522 1-124-122-11 C523 1-108-614-11	CERAMIC CHII	0.47MF 0.0022MF 0.1MF 100MF 0.001MF	5% 10% 10% 20% 10%	50V 50V 100V 50V 100V	C822 C823 C824	1-163-005-11 1-106-359-00 1-102-212-00	CERAMIC 820PF 10% 500V	
C524 1-108-798-11 C525 1-163-117-00 C526 1-163-101-00 C527 1-106-220-00 C531 1-124-190-00	CERAMIC CHII CERAMIC CHII MYLAR	0.0033MF 2 100PF 2 22PF 0.1MF 680MF	5% 5% 5% 10%	50V 50V 50V 100V 25V	C1602A. C1603A. C1604A.	1-106-375-12 1-136-518-11 1-136-519-11 1-164-322-51 1-164-322-51	FILM 0.47MF 20% 300V CERAMIC 0.0047MF 20% 400V CERAMIC 0.0047MF 20% 400V	r
C532 I-124-514-11 C533 I-106-216-00 C534 I-124-120-11 C536 I-131-365-00 C537 I-124-791-11	MYLAR BLECT Tantalum	100MF 0.068MF 220MF 10MF 1MF	20% 10% 20% 10% 20%	50V 100V 16V 16V 50V	1	1-161-964-61	CERAMIC 0.0047MF 20% 400V CERAMIC 0.0047MF 250V	9
C538 1-108-614-11 C539 1-163-129-00 C540 1-163-009-11 C592 1-124-122-11 C593 1-163-129-00	CERAMIC CHIE CERAMIC CHIE ELECT	0.001MF 100MF	10% 5% 10% 20% 5%	100V 50V 50V 50V 50V	CF001 CF501	<pil 1-567-888-11="" 1-577-364-11="" <="" pre=""></pil>	VIBRATOR, CERAMIC OSCILLATOR, CERAMIC	
C601 A 1-161-964-61 C602 A 1-161-964-61 C603 A 1-161-964-61 C604 A 1-125-318-11 C605 I-124-510-11	CERAMIC CERAMIC ELECT (BLOCK)	0.0047MF	20% 20%	250V 250V 250V 400V 35V	D002 D003 D004	8-719-911-19 8-719-929-03 8-719-911-19 8-719-911-19	DIODE ISS119 DIODE HZS6.8NB3 DIODE ISS119 DIODE ISS119 DIODE DISS19	
C606 1-163-137-00 C607 1-130-834-00 C608 1-124-927-11 C611 1-124-910-11 C612 1-108-614-11	MYLAR Blect Elect	' 680PF 1MF 4.7MF 47MF 0.001MF	5% 10% 20% 20% 10%	50V 63V 50V 50V 100V	D006 D007 D009 D010	8-719-929-71 8-719-911-19 8-719-109-89	DIODE HZS33NBI	
C613	CERAMIC ELECT CERAMIC	0.0022MF 330PF 1000MF 330PF 100MF	3% 10% 20% 10% 20%	2KV 500V 25V 500V 50V	D271 D272 D501 D504	8-719-110-36 8-719-911-19 8-719-911-19	DIODE RD13ES-B2 DIODE 1SS119 DIODE 1SS119 DIODE U05G DIODE 1SS226	
C618 1-162-115-00 C619 1-124-556-11 C620 1-136-173-00 C621 1-124-347-00 C622 1-124-556-11	ELECT FILM ELECT	330PF 2200MF 0.47MF 100MF 2200MF	10% 20% 5% 20% 20%	2KV 16V 50V 160V 16V	D508	8-719-911-19 8-719-911-19 8-719-911-55 8-719-911-55	DIODE 188119 DIODE 188119 DIODE U05G	
C623 1-124-910-11 C624 1-124-122-11 C625 1-124-360-00 C626 1-123-875-11 C627 1-163-009-11	ELECT	10 <b>MF</b>	20% 20% 20% 20% 10%	50V 50V 16V 50V 50V	D601 A. 8 D602 D603 D604	8-719-946-90 8-719-300-33	DIODE KBU4JL-6088 DIODE RU-3AM DIODE U05G DIODE U05G DIODE U05G DIODE U05G	
C631 1-124-927-11 C632 1-163-009-11 C633 1-163-117-00 C801 1-126-105-11 C802 1-102-030-00	ELECT CERAMIC CHIP CERAMIC CHIP ELECT CERAMIC		20% 10% 5% 20% 10%	50V 50V 50V 35V 500V	D606 8 D607 8 D608 8	8-719-300-33 8-719-300-33 8-719-300-33 8-719-929-71 8-719-300-59	DIODE RU-3AM DIODE RU-3AM DIODE RU-3AM DIODE HZS33NB1 DIODE CTU-12S	
C804 1-123-948-00 C805 1-162-114-00 C806 1-106-220-00 C807 1-106-395-00 C810 1-123-024-21	ELECT CERAMIC MYLAR MYLAR BLECT	22MF 0.0047MF 0.1MF 0.15MF 33MF	20% 10% 10%	250V 2KV 100V 200V 160V	D611 8 D612 8 D613 8 D614 8	8-719-900-26 8-719-300-59 8-719-979-85 8-719-979-85 8-719-120-78	DIODE ERD29-08J DIODE CTU-12S DIODE EGP20G DIODE EGP20G DIODE RD6.2ES-L3	
C811 1-136-113-00 C812 1-124-634-11 C813 1-102-212-00 C814 A. 1-161-731-11 C815 1-136-111-00	FILM ELECT CERAMIC CERAMIC FILM	2MF 1MF 820PF 0.001MF	5% 20% 10% 10%	200V 250V 500V 2KV 200V	D617 8 D618 8 D619 8 D620 8	8-719-911-19 8-719-109-89 8-719-929-71 8-719-800-76 8-719-929-71	DIODE ISSI19 DIODE RD5.6ES-B2 DIODE HZS33NB1 DIODE ISS226 DIODE HZS33NB1	
C817 1-136-565-11 C818 1-136-759-11 C819 A. 1-161-731-11 C820 1-106-218-00	FILM FILM CBRAMIC MYLAR	0.015MF 0.039MF 0.001MF 0.0082MF	3% 10% 10% 10%	1.4KV 630V 2KV 400V	D623 8	8-719-911-19 8-719-911-19 8-719-911-19	DIODE ISS119 DIODE ISS119 DIODE ISS119	

REMARK

ner.no.	DESCRIPTION	REMARK	REF.NO.	PART NO.	DESCRIPTION			1																																													
D630 8-719-110-39 D801 8-719-300-33 D802 8-719-300-33 D803 8-719-300-65 D804 8-719-911-55	DIODE RDISES-B1 DIODE RU-3AM DIODE RU-3AM DIODE BIF DIODE U05G DIODE U05G DIODE ERC06-15S DIODE ERC06-15S DIODE ERD29-08J  C SDA2083-B012 IC CXD1050A-09P IC RC4558P IC SDA2546 IC TDA2050 SPACER, INSULATING: IC251 RIVET NYLON, 3.5; IC25! IC TDA2061		Q002 Q003 Q004 Q005		TRANSISTOR DTA TRANSISTOR 2SA TRANSISTOR 2SA TRANSISTOR DTO	A1162-G A1162-G																																															
D805 8-719-911-55 D806 8-719-945-80 D807 8-719-945-80 D808 8-719-900-26	D10DE U05G D10DE ERC06-15S D10DE ERC06-15S D10DE ERD29-08J		Q006 Q007 Q008 Q009 Q251	8-729-901-01 8-729-271-22 8-729-271-22 8-729-271-22 8-729-271-22	TRANSISTOR DTC TRANSISTOR 2SC TRANSISTOR 2SC TRANSISTOR 2SC TRANSISTOR 2SC	22712-G 22712-G 22712-G																																															
C</td <td>&gt;</td> <td></td> <td>Q261 Q271</td> <td>8-729-271-22 8-729-271-22</td> <td>TRANSISTOR 250 TRANSISTOR 250</td> <td>C2712-G</td> <td></td> <td></td>	>		Q261 Q271	8-729-271-22 8-729-271-22	TRANSISTOR 250 TRANSISTOR 250	C2712-G																																															
1C001 8-759-501-66 1C002 8-752-332-82	IC SDA2083-B012 IC CXD1050A-09P		4502 4505 4 <b>5</b> 06	8-729-216-22 8-729-140-96 8-729-140-97	TRANSISTOR 2SA TRANSISTOR 2SI TRANSISTOR 2SE	)774-34																																															
IC003 8-759-945-58 IC005 8-759-748-56 IC251 8-759-988-94	TC RC4558P TC SDA2546 TC TDA2050		Q507 Q598	8-729-216-22 8-729-216-22 8-729-111-67	TRANSISTOR 25A TRANSISTOR 25A TRANSISTOR 25B	A1162-G																																															
4-201-023-01 4-812-134-00 1C261 8-759-988-94	SPACER, INSULATING; 10251 RIVET NYLON, 3.5; 10251		Q602 Q603	8-729-209-02 8-729-111-67	TRANSISTOR 2SI TRANSISTOR 2SI	)1 <b>54</b> 8-L	.В																																														
4-201-023-01 4-812-134-00	SPACER, INSULATING: 1C261 RIVET NYLON, 3.5; IC261		Q604 Q605 Q606	8-729-216-22 8-729-271-22 8-729-271-22	TRANSISTOR 2SA TRANSISTOR 2SO TRANSISTOR 2SO	C2712-G C2712-G																																															
IC501 8-759-970-73 IC502 8-759-944-57 IC601 8-759-988-95	IC TEA2028B IC TDA8170 IC TEA2260		Q607 Q608	8-729-920-92 8-729-271-22	TRANSISTOR 2SI TRANSISTOR 2SO	02096-8 C2712-G	î F																																														
1C604 8-759-144-84 1C608 8-759-037-26	IC TDA2050 SPACER, INSULATING: 1C261 RIVET NYLON, 3.5; IC261 IC TEA2028B IC TDA8170 IC TEA2260 IC UPC24M05HF IC TYA7812CT		Q609 Q801 Q804	8-729-271-22 8-729-304-50	TRANSISTOR 2SI TRANSISTOR 2SI TRANSISTOR 2SI	C2712-0 D1941-0	i 16																																														
<c0< td=""><td>IL&gt;</td><td></td><td>Q805</td><td>8-729-119-80</td><td>TRANSISTOR 250</td><td>C2688-L</td><td>.K</td><td></td></c0<>	IL>		Q805	8-729-119-80	TRANSISTOR 250	C2688-L	.K																																														
L001 i-408-414-00 L501 1-408-225-00 L601 +1-420-972-00	INDUCTOR 27UH INDUCTOR 3.3UH		ROOT	<res< td=""><td>ISTOR&gt;</td><td>470</td><td>5% 5%</td><td>1/10W</td></res<>	ISTOR>	470	5% 5%	1/10W																																													
L602 1-410-396-41	FERRITE BEAD INDUCTOR		1 0001	1 210 011 00	MDM II GLAGE	400	F 0/																																														
LbU3 1-410-396 41	FERRITE BEAD INDUCTOR		R003	1-216-041-00 1-249-417-11 1-216-049-00	METAL GLAZE CARBON METAL GLAZE	470 1K 1K	5% 5%	1/10W 1/4W 1/10W																																													
L604 1-410-671-31 L605 1-459-585-11 L606 1-421-013-00	FERRITE BEAD INDUCTOR  INDUCTOR 47UH COIL (WITH CORE) (DRUM TYPE) COIL (HORIZONTAL CHOKE) 25UH		R002 R003 R004 R005	1-216-041-00 1-249-417-11 1-216-049-00 1-249-417-11 1-216-073-00	METAL GLAZE CARBON METAL GLAZE CARBON METAL GLAZE	1 K 1 K 1 K 1 K	5% 5% 5%	1/4W 1/10W 1/4W																																													
L603 1-410-596 41 L604 1-410-671-31 L605 1-459-585-11 L606 1-421-013-00 L607 1-410-671-31 L803 1-459-104-00	FERRITE BEAD INDUCTOR  INDUCTOR 47UH COIL (WITH CORE) (DRUM TYPE) COIL (HORIZONTAL CHOKE) 25UH INDUCTOR 47UH COIL, DUST CORE		R002 R003 R004 R005 R006 R007 R008 R009	1-216-041-00 1-249-417-11 1-216-049-00 1-249-417-11 1-216-073-00 1-216-073-00 1-216-073-00	METAL GLAZE CARBON METAL GLAZE CARBON METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE	1 K 1 K 1 K 1 O K 4 . 7 K 1 O K 1 O K	555 555 555	1/4W 1/10W 1/4W 1/10W 1/10W 1/10W 1/10W																																													
L604 1-410-671-31 L605 1-459-585-11 L606 1-421-013-00 L607 1-410-671-31 L803 1-459-104-00 L804 1-408-239-00 L805 A. 1-459-755-12 L806 1-459-111-00	FERRITE BEAD INDUCTOR  INDUCTOR 47UH COIL (WITH CORE) (DRUM TYPE) COIL (HORIZONTAL CHOKE) 25UH INDUCTOR 47UH COIL, DUST CORE  INDUCTOR 4.7MMH COIL, HORIZONTAL LINEARITY		R002 R003 R004 R005 R006 R007 R008 R009 R010	1-216-041-00 1-249-417-11 1-216-049-00 1-249-417-11 1-216-065-00 1-216-073-00 1-216-073-00 1-216-041-00 1-216-065-00	METAL GLAZE CARBON METAL GLAZE CARBON METAL GLAZE	10K 10K 4.7K 10K 10K 470 4.7K	5%% %%%%%% %%%%%%%%%%%%%%%%%%%%%%%%%%%	1/4W 1/10W 1/4W 1/10W 1/10W 1/10W 1/10W 1/10W																																													
L603 1-410-396 41  L604 1-410-671-31  L605 1-459-585-11  L606 1-421-013-00  L607 1-410-671-31  L803 1-459-104-00  L804 1-408-239-00  L805 A. 1-459-755-12  L806 1-459-111-00  L809 *1-420-872-00  L810 A. 1-421-982-12	IL>  INDUCTOR 27UH INDUCTOR 3.3UH COIL, AIR CORE FERRITE BEAD INDUCTOR FERRITE BEAD INDUCTOR  INDUCTOR 47UH COIL (WITH CORE) (DRUM TYPE) COIL (HORIZONTAL CHOKE) 25UH INDUCTOR 47UH COIL, DUST CORE  INDUCTOR 4.7MMH COIL, HORIZONTAL LINEARITY COIL, DRAM CORE (CDI) COIL, AIR CORE PMC	nan Me	R002 R003 R004 R005 R006 R007 R008 R009 R010 R011 R011 R011 R015	1-216-061-00	MELAT CTASE	3.3K	5555 555555 55555555555555555555555555	1/4W 1/10W 1/4W 1/10W 1/10W 1/10W 1/10W 1/10W 1/10W 1/10W 1/10W 1/10W																																													
	ANSFORMER>		R015 R016	1-216-061-00 1-216-085-00	METAL GLAZE METAL GLAZE	1 K 1 K 1 K 1 K 1 OK 4.7 K 1 OK 1 OK 4 7 O 4.7 K 1 OK 8.2 K 3.3 K 3 9 K	555 55555 55555 55555 55555 55555 55555 5555	1/4W 1/10W 1/4W 1/10W 1/10W 1/10W 1/10W 1/10W 1/10W 1/10W 1/10W 1/10W																																													
<tr 1-421-776-1<="" 1-421-866-1="" lf1601a.="" lf1602a.="" td=""><td>ANSFORMER&gt; 2 LFT 1 LFT 1 TRANSFORMER FREEDITE</td><td></td><td>R015 R016 R017 R018 R019</td><td>1-216-061-00 1-216-085-00 1-216-748-11 1-216-095-00 1-216-049-00</td><td>MELAT CTASE</td><td>3.3K 33K</td><td>555 55555 55555 55555 %%%%%%%%%%%%%%%%%</td><td>1/4W 1/10W 1/4W 1/10W 1/10W 1/10W 1/10W 1/10W 1/10W 1/10W 1/10W 1/10W</td></tr> <tr><td><pre><tr 1-421-592-2="" 1-421-776-1="" 1-421-866-1="" 1-450-038-1<="" a.="" lf1601a.="" lf1602a.="" lf1603a.="" pre="" t601.=""></tr></pre></td><td>ANSFORMER&gt; 2 LFT 1 LFT 1 TRANSFORMER, FERRITE 1 S.R.T 1 TRANSFORMER, TRIGGER PULSE</td><td></td><td>R015 R016 R017 R018 R019 R020 R021</td><td>1-216-061-00 1-216-085-00 1-216-085-00 1-216-095-00 1-216-049-00 1-216-045-00</td><td>METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE</td><td>33K 33K 39K 82K 1K 1K 1K 4.7K</td><td>555 55555 55555 55555 55555 55555 55555 5555</td><td>1/4W 1/10W 1/4W 1/10W 1/10W 1/10W 1/10W 1/10W 1/10W 1/10W 1/10W 1/10W 1/10W 1/10W 1/10W 1/10W</td></tr> <tr><td><pre></pre></td><td>ANSFORMER&gt; 2 LFT 1 LFT 1 TRANSFORMER, FERRITE 1 S.R.T 1 TRANSFORMER, TRIGGER PULSE</td><td></td><td>R015 R016 R017 R018 R019 R020 R021 R022 R023 R024 R025</td><td>1-216-061-00 1-216-085-00 1-216-085-00 1-216-095-00 1-216-049-00 1-216-065-00 1-216-065-00 1-216-035-00 1-216-049-00 1-216-049-00 1-216-025-00</td><td>METAL GLAZE METAL GLAZE</td><td>3.3K 33K 39K 82K 1K 1K</td><td>555 55555 55555 55555 55555 555555 55555</td><td>1/4W 1/10W 1/4W 1/10W 1/10W 1/10W 1/10W 1/10W 1/10W 1/10W 1/10W 1/10W 1/10W 1/10W 1/10W 1/10W</td></tr> <tr><td>TR  LF1601A. 1-421-866-1  LF1602A. 1-421-776-1  LF1603A. 1-421-592-2  T601 A. 1-450-038-1  T602 A. 1-424-277-1  T801 A. 1-437-090-2  T802 A. 1-439-416-1</td><td>ANSFORMER&gt; 2 LFT 1 LFT 1 TRANSFORMER, FERRITE 1 S.R.T 1 TRANSFORMER, TRIGGER PULSE 1 HDT 1 TRANSFORMER ASSY, FLYBACK (UX-1</td><td>600)</td><td>R015 R016 R017 R018 R019 R020 R021 R022 R023 R024 R025 R026</td><td>1-216-061-00 1-216-085-00 1-216-085-00 1-216-095-00 1-216-049-00 1-216-065-00 1-216-035-00 1-216-049-00 1-216-025-00 1-216-025-00 1-216-025-00</td><td>METAL GLAZE METAL GLAZE CARBON</td><td>33K 33K 39K 82K 1K 1K 4.7K 4.7K 270 1K 100</td><td>555 55555 55555 55555 55555 55555 55555 5</td><td>1/4W 1/10W</td></tr> <tr><td>TR  LF1601A. 1-421-866-1 LF1602A. 1-421-776-1 LF1603A. 1-421-592-2 T601 A. 1-450-038-1 T602 A. 1-424-277-1 T801 A. 1-437-090-2 T802 A. 1-439-416-1</td><td>ANSFORMER&gt; 2 LFT 1 LFT 1 TRANSFORMER, FERRITE 1 S.R.T 1 TRANSFORMER, TRIGGER PULSE 1 HDT 1 TRANSFORMER ASSY, FLYBACK (UX-1</td><td>600) Mag</td><td>R015 R016 R017 R018 R019 R020 R021 R022 R023 R024 R025 R026</td><td>1-216-061-00 1-216-085-00 1-216-085-00 1-216-095-00 1-216-049-00 1-216-065-00 1-216-065-00 1-216-035-00 1-216-049-00 1-216-025-00 1-216-025-00 1-249-417-11</td><td>METAL GLAZE METAL GLAZE CARBON</td><td>33K 33K 39K 82K 1K 1K 4.7K 4.7K 270 1K 100 1K</td><td>555 55555 55555 55555 55555 55555 %%% %%%%% %%%%% %%%%% %%%%% %%%%% %%%%% %%%%</td><td>1/4W 1/10W 1/4W 1/10W 1/10W 1/10W 1/10W 1/10W 1/10W 1/10W 1/10W 1/10W 1/10W 1/10W 1/10W 1/10W 1/10W 1/10W 1/10W 1/10W</td></tr> <tr><td>CTR  LF1601A. 1-421-866-1 LF1602A. 1-421-776-1 LF1603A. 1-421-592-2 T601 A. 1-450-038-1 T602 A. 1-424-277-1 T801 A. 1-437-090-2 T802 A. 1-439-416-1  CIC  PS601A. 1-532-984-91 PS603A. 1-532-679-91  CTR</td><td>ANSFORMER&gt; 2 LFT 1 LFT 1 TRANSFORMER, FERRITE 1 S.R.T 1 TRANSFORMER, TRIGGER PULSE 1 HDT 1 TRANSFORMER ASSY, FLYBACK (UX-1 LINK&gt; LINK, IC (ICP-N50) 2A</td><td>600) Mag</td><td>R015 R016 R017 R018 R019 R020 R021 R022 R023 R024 R025 R025 R026 R027 R028 R029 R030</td><td>1-216-061-00 1-216-085-00 1-216-085-00 1-216-049-00 1-216-049-00 1-216-065-00 1-216-035-00 1-216-049-00 1-216-025-00 1-216-025-00 1-216-025-00 1-216-025-00 1-216-073-00 1-216-073-00</td><td>METAL GLAZE METAL GLAZE</td><td>33K 33K 39K 82K 1K 1K 4.7K 270 1K 100 100 10K 10K</td><td>555 55555 55555 55555 55555 55555 5555 %%% %%%% %%%%% %%%%% %%%%% %%%%% %%%%% %%%%</td><td>1/4W 1/10W</td></tr>	ANSFORMER> 2 LFT 1 LFT 1 TRANSFORMER FREEDITE		R015 R016 R017 R018 R019	1-216-061-00 1-216-085-00 1-216-748-11 1-216-095-00 1-216-049-00	MELAT CTASE	3.3K 33K	555 55555 55555 55555 %%%%%%%%%%%%%%%%%	1/4W 1/10W 1/4W 1/10W 1/10W 1/10W 1/10W 1/10W 1/10W 1/10W 1/10W 1/10W	<pre><tr 1-421-592-2="" 1-421-776-1="" 1-421-866-1="" 1-450-038-1<="" a.="" lf1601a.="" lf1602a.="" lf1603a.="" pre="" t601.=""></tr></pre>	ANSFORMER> 2 LFT 1 LFT 1 TRANSFORMER, FERRITE 1 S.R.T 1 TRANSFORMER, TRIGGER PULSE		R015 R016 R017 R018 R019 R020 R021	1-216-061-00 1-216-085-00 1-216-085-00 1-216-095-00 1-216-049-00 1-216-045-00	METAL GLAZE	33K 33K 39K 82K 1K 1K 1K 4.7K	555 55555 55555 55555 55555 55555 55555 5555	1/4W 1/10W 1/4W 1/10W 1/10W 1/10W 1/10W 1/10W 1/10W 1/10W 1/10W 1/10W 1/10W 1/10W 1/10W 1/10W	<pre></pre>	ANSFORMER> 2 LFT 1 LFT 1 TRANSFORMER, FERRITE 1 S.R.T 1 TRANSFORMER, TRIGGER PULSE		R015 R016 R017 R018 R019 R020 R021 R022 R023 R024 R025	1-216-061-00 1-216-085-00 1-216-085-00 1-216-095-00 1-216-049-00 1-216-065-00 1-216-065-00 1-216-035-00 1-216-049-00 1-216-049-00 1-216-025-00	METAL GLAZE	3.3K 33K 39K 82K 1K 1K	555 55555 55555 55555 55555 555555 55555	1/4W 1/10W 1/4W 1/10W 1/10W 1/10W 1/10W 1/10W 1/10W 1/10W 1/10W 1/10W 1/10W 1/10W 1/10W 1/10W	TR  LF1601A. 1-421-866-1  LF1602A. 1-421-776-1  LF1603A. 1-421-592-2  T601 A. 1-450-038-1  T602 A. 1-424-277-1  T801 A. 1-437-090-2  T802 A. 1-439-416-1	ANSFORMER> 2 LFT 1 LFT 1 TRANSFORMER, FERRITE 1 S.R.T 1 TRANSFORMER, TRIGGER PULSE 1 HDT 1 TRANSFORMER ASSY, FLYBACK (UX-1	600)	R015 R016 R017 R018 R019 R020 R021 R022 R023 R024 R025 R026	1-216-061-00 1-216-085-00 1-216-085-00 1-216-095-00 1-216-049-00 1-216-065-00 1-216-035-00 1-216-049-00 1-216-025-00 1-216-025-00 1-216-025-00	METAL GLAZE CARBON	33K 33K 39K 82K 1K 1K 4.7K 4.7K 270 1K 100	555 55555 55555 55555 55555 55555 55555 5	1/4W 1/10W	TR  LF1601A. 1-421-866-1 LF1602A. 1-421-776-1 LF1603A. 1-421-592-2 T601 A. 1-450-038-1 T602 A. 1-424-277-1 T801 A. 1-437-090-2 T802 A. 1-439-416-1	ANSFORMER> 2 LFT 1 LFT 1 TRANSFORMER, FERRITE 1 S.R.T 1 TRANSFORMER, TRIGGER PULSE 1 HDT 1 TRANSFORMER ASSY, FLYBACK (UX-1	600) Mag	R015 R016 R017 R018 R019 R020 R021 R022 R023 R024 R025 R026	1-216-061-00 1-216-085-00 1-216-085-00 1-216-095-00 1-216-049-00 1-216-065-00 1-216-065-00 1-216-035-00 1-216-049-00 1-216-025-00 1-216-025-00 1-249-417-11	METAL GLAZE CARBON	33K 33K 39K 82K 1K 1K 4.7K 4.7K 270 1K 100 1K	555 55555 55555 55555 55555 55555 %%% %%%%% %%%%% %%%%% %%%%% %%%%% %%%%% %%%%	1/4W 1/10W 1/4W 1/10W 1/10W 1/10W 1/10W 1/10W 1/10W 1/10W 1/10W 1/10W 1/10W 1/10W 1/10W 1/10W 1/10W 1/10W 1/10W 1/10W	CTR  LF1601A. 1-421-866-1 LF1602A. 1-421-776-1 LF1603A. 1-421-592-2 T601 A. 1-450-038-1 T602 A. 1-424-277-1 T801 A. 1-437-090-2 T802 A. 1-439-416-1  CIC  PS601A. 1-532-984-91 PS603A. 1-532-679-91  CTR	ANSFORMER> 2 LFT 1 LFT 1 TRANSFORMER, FERRITE 1 S.R.T 1 TRANSFORMER, TRIGGER PULSE 1 HDT 1 TRANSFORMER ASSY, FLYBACK (UX-1 LINK> LINK, IC (ICP-N50) 2A	600) Mag	R015 R016 R017 R018 R019 R020 R021 R022 R023 R024 R025 R025 R026 R027 R028 R029 R030	1-216-061-00 1-216-085-00 1-216-085-00 1-216-049-00 1-216-049-00 1-216-065-00 1-216-035-00 1-216-049-00 1-216-025-00 1-216-025-00 1-216-025-00 1-216-025-00 1-216-073-00 1-216-073-00	METAL GLAZE	33K 33K 39K 82K 1K 1K 4.7K 270 1K 100 100 10K 10K	555 55555 55555 55555 55555 55555 5555 %%% %%%% %%%%% %%%%% %%%%% %%%%% %%%%% %%%%	1/4W 1/10W
ANSFORMER> 2 LFT 1 LFT 1 TRANSFORMER FREEDITE		R015 R016 R017 R018 R019	1-216-061-00 1-216-085-00 1-216-748-11 1-216-095-00 1-216-049-00	MELAT CTASE	3.3K 33K	555 55555 55555 55555 %%%%%%%%%%%%%%%%%	1/4W 1/10W 1/4W 1/10W 1/10W 1/10W 1/10W 1/10W 1/10W 1/10W 1/10W 1/10W																																														
<pre><tr 1-421-592-2="" 1-421-776-1="" 1-421-866-1="" 1-450-038-1<="" a.="" lf1601a.="" lf1602a.="" lf1603a.="" pre="" t601.=""></tr></pre>	ANSFORMER> 2 LFT 1 LFT 1 TRANSFORMER, FERRITE 1 S.R.T 1 TRANSFORMER, TRIGGER PULSE		R015 R016 R017 R018 R019 R020 R021	1-216-061-00 1-216-085-00 1-216-085-00 1-216-095-00 1-216-049-00 1-216-045-00	METAL GLAZE	33K 33K 39K 82K 1K 1K 1K 4.7K	555 55555 55555 55555 55555 55555 55555 5555	1/4W 1/10W 1/4W 1/10W 1/10W 1/10W 1/10W 1/10W 1/10W 1/10W 1/10W 1/10W 1/10W 1/10W 1/10W 1/10W																																													
<pre></pre>	ANSFORMER> 2 LFT 1 LFT 1 TRANSFORMER, FERRITE 1 S.R.T 1 TRANSFORMER, TRIGGER PULSE		R015 R016 R017 R018 R019 R020 R021 R022 R023 R024 R025	1-216-061-00 1-216-085-00 1-216-085-00 1-216-095-00 1-216-049-00 1-216-065-00 1-216-065-00 1-216-035-00 1-216-049-00 1-216-049-00 1-216-025-00	METAL GLAZE	3.3K 33K 39K 82K 1K 1K	555 55555 55555 55555 55555 555555 55555	1/4W 1/10W 1/4W 1/10W 1/10W 1/10W 1/10W 1/10W 1/10W 1/10W 1/10W 1/10W 1/10W 1/10W 1/10W 1/10W																																													
TR  LF1601A. 1-421-866-1  LF1602A. 1-421-776-1  LF1603A. 1-421-592-2  T601 A. 1-450-038-1  T602 A. 1-424-277-1  T801 A. 1-437-090-2  T802 A. 1-439-416-1	ANSFORMER> 2 LFT 1 LFT 1 TRANSFORMER, FERRITE 1 S.R.T 1 TRANSFORMER, TRIGGER PULSE 1 HDT 1 TRANSFORMER ASSY, FLYBACK (UX-1	600)	R015 R016 R017 R018 R019 R020 R021 R022 R023 R024 R025 R026	1-216-061-00 1-216-085-00 1-216-085-00 1-216-095-00 1-216-049-00 1-216-065-00 1-216-035-00 1-216-049-00 1-216-025-00 1-216-025-00 1-216-025-00	METAL GLAZE CARBON	33K 33K 39K 82K 1K 1K 4.7K 4.7K 270 1K 100	555 55555 55555 55555 55555 55555 55555 5	1/4W 1/10W																																													
TR  LF1601A. 1-421-866-1 LF1602A. 1-421-776-1 LF1603A. 1-421-592-2 T601 A. 1-450-038-1 T602 A. 1-424-277-1 T801 A. 1-437-090-2 T802 A. 1-439-416-1	ANSFORMER> 2 LFT 1 LFT 1 TRANSFORMER, FERRITE 1 S.R.T 1 TRANSFORMER, TRIGGER PULSE 1 HDT 1 TRANSFORMER ASSY, FLYBACK (UX-1	600) Mag	R015 R016 R017 R018 R019 R020 R021 R022 R023 R024 R025 R026	1-216-061-00 1-216-085-00 1-216-085-00 1-216-095-00 1-216-049-00 1-216-065-00 1-216-065-00 1-216-035-00 1-216-049-00 1-216-025-00 1-216-025-00 1-249-417-11	METAL GLAZE CARBON	33K 33K 39K 82K 1K 1K 4.7K 4.7K 270 1K 100 1K	555 55555 55555 55555 55555 55555 %%% %%%%% %%%%% %%%%% %%%%% %%%%% %%%%% %%%%	1/4W 1/10W 1/4W 1/10W 1/10W 1/10W 1/10W 1/10W 1/10W 1/10W 1/10W 1/10W 1/10W 1/10W 1/10W 1/10W 1/10W 1/10W 1/10W 1/10W																																													
CTR  LF1601A. 1-421-866-1 LF1602A. 1-421-776-1 LF1603A. 1-421-592-2 T601 A. 1-450-038-1 T602 A. 1-424-277-1 T801 A. 1-437-090-2 T802 A. 1-439-416-1  CIC  PS601A. 1-532-984-91 PS603A. 1-532-679-91  CTR	ANSFORMER> 2 LFT 1 LFT 1 TRANSFORMER, FERRITE 1 S.R.T 1 TRANSFORMER, TRIGGER PULSE 1 HDT 1 TRANSFORMER ASSY, FLYBACK (UX-1 LINK> LINK, IC (ICP-N50) 2A	600) Mag	R015 R016 R017 R018 R019 R020 R021 R022 R023 R024 R025 R025 R026 R027 R028 R029 R030	1-216-061-00 1-216-085-00 1-216-085-00 1-216-049-00 1-216-049-00 1-216-065-00 1-216-035-00 1-216-049-00 1-216-025-00 1-216-025-00 1-216-025-00 1-216-025-00 1-216-073-00 1-216-073-00	METAL GLAZE	33K 33K 39K 82K 1K 1K 4.7K 270 1K 100 100 10K 10K	555 55555 55555 55555 55555 55555 5555 %%% %%%% %%%%% %%%%% %%%%% %%%%% %%%%% %%%%	1/4W 1/10W																																													



	. PART NO.	DESCRIPTION				REMARK	REF.NO.	PART NO.	DESCRIPTION				REMARK
R035 R036 R037 R038 R039	1-216-081-00 216-079-00 1-216-065-00 1-216-081-00 1-216-081-00	METAL GLAZE	18K 4.7K 2.7K 22K	5% 5% 5% 5%	1/10W 1/10W 1/10W 1/10W		R501 R502	1 216 973 90 1 216 115 00 1 216 041 90 1 216 033 00 1 216 035 00	METAL GLAZE  METAL GLAZE  METAL GLAZE  METAL GLAZE  METAL GLAZE	10K 560K 470 220 270	5% 5% 5% 5%	1/10W 1/10W 1/10W 1/10W 1/10W	
R040 R041 R042 R043 R044	1-216-077-00 1-216-073-00 1-216-049-00 1-216-041-00 1-216-097-00	METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE	15K 10K 1K 470 100K 3.3K	5% 5% 5% 5% 5%	1/10W 1/10W 1/10W 1/10W 1/10W		R504 R505	1-249-420 -11	CARBON  METAL GLAZE  METAL GLAZE  METAL GLAZE  METAL GLAZE  METAL GLAZE  METAL GLAZE	1.8K 15K 8.2K 3.9K 5.6K 220	5 % % % % % % % % % % % % % % % % % % %	1/4W 1/10W 1/10W 1/10W 1/10W 1/10W	
R046 R047 R048 R049	1-216-085-00 1-216-073-00 1-216-073-00 1-216-073-00 1-216-067-00	METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE	33K 10K 10K 10K 5.6K	5%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%	1/10W 1/10W 1/10W 1/10W		R515 R517 R518	1-216-061-00 1-216-073-00 1-216-089-00 1-216-081-00 1-216-037-00	METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE	3.3K 10K 47K 22K 330	5% 5% 5% 5% 5%	1/10W 1/10W 1/10W 1/10W 1/10W	
R051 R052 R053 R054	1-216-041-00 1-216-049-00 1-216-049-00 1-216-049-00 1-216-037-00	METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE	470 1K 1K 1K 330	555555555555555555555555555555555555555	1/10W 1/10W 1/10W 1/10W		R521 R522 R523 R524 R525	1-216-025-00 1-249-441-11 1-216-049-00 1-216-057-00 1-216-049-00	METAL GLAZE CARBON METAL GLAZE METAL GLAZE METAL GLAZE	100 100K 1K 2.2K 1K	5%	1/10W 1/4W 1/10W 1/10W 1/10W	
R056 R057 R058 R059	1-216-025-00 1-216-033-00 1-216-063-00 1-249-417-11 1-216-049-00	METAL GLAZE METAL GLAZE METAL GLAZE CARBON METAL GLAZE	1 K	5% 5% 5%	1/10W 1/10W 1/10W 1/4W		R526 R527 R528 R529 R530	1-249-409-11 1-216-077-00 1-216-031-00 1-216-069-00 1-249-448-11	CARBON METAL GLAZE METAL GLAZE METAL GLAZE CARBON	220 15K 180 6.8K 1.2	5% 5% 5% 5%	1/4W 1/10W 1/10W 1/10W 1/4W	
R061 R062 R063 R064 R065 R066	1-249-417-11 1-249-417-11 1-249-429-11 1-249-417-11 1-249-429-11 1-216-049-00	CARBON CARBON CARBON CARBON CARBON METAL GLAZE	1K 1K 1OK 1K 1OK 1K	55555 555	1/4W 1/4W 1/4W 1/4W 1/4W 1/10W		R531 R532 R533 R534 R535	1-216-099-00 1-216-049-00 1-216-295-00 1-216-119-00 1-249-749-00	METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE CARBON	120K 1K 0 820K 2.2M	5% 5% 5% 5% 5%	1/10W 1/10W 1/10W 1/10W 1/4W	
R067 R068 R069 R070 R071	1-216-049-00 1-216-049-00 1-249-417-11 1-249-417-11 1-249-417-11	METAL GLAZE CARBON CARBON CARBON CARBON	1 K 1 K 1 K	5555 5555 558	1/10W 1/4W 1/4W 1/4W 1/4W		R536 R537 R538 R539 R540	1-216-129-00 1-216-083-00 1-216-101-00 1-216-101-00 1-216-013-00	METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE	2.2M 27K 150K 150K 33	5% 5% 5% 5%	1/10W 1/10W 1/10W 1/10W 1/10W	
R072 R073 R074 R075 R076	1-249-417-11 1-216-049-00 1-216-065-00 1-216-033-00 1-216-049-00	CARBON METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE	1K 1K 4.7K 220	5% 5% 5%	1/4W 1/10W 1/10W 1/10W		R543 R544	1-216-091-00 1-216-308-00 1-249-451-11 1-247-745-11 1-216-081-00	METAL GLAZE METAL GLAZE CARBON CARBON METAL GLAZE	56K 4.7 2.2 330 22K	5% 5% 5% 5%	1/10W 1/10W 1/4W 1/2W 1/10W	
R077 R078 R251 R252 R253	1-216-049-00 1-216-065-00 1-216-039-00 1-216-073-00	METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE	1K 1K 4.7K 390 10K	5% 5% 5% 5%	1/10W 1/10W 1/10W 1/10W 1/10W		R547 R548 R549 R550	1-216-083-00 1-216-061-00 1-216-349-00 1-216-454-11 1-216-095-00	METAL GLAZE METAL GLAZE METAL OXIDE METAL OXIDE METAL GLAZE	27K 3.3K 1 390 82K	5% 5% 5% 5% 5% 5%		F F
R254 R255 R256 R257 R258	1-216-357-00 1-216-073-00 1-216-115-00 1-216-077-00 1-215-869-11	METAL OXIDE METAL GLAZE METAL GLAZE METAL GLAZE METAL QXIDE	4.7 10K 560K 15K 1K	5%% 55%	1W 1 1/10W 1/10W 1/10W 1W F		R554 R555 R556	1-216-129-00 1-216-869-11 1-216-037-00 1-216-129-00 1-216-025-00	METAL GLAZE METAL OXIDE METAL GLAZE METAL GLAZE METAL GLAZE	2.2M 1K 330 2.2M 100	5% 5% 5% 5% 5%	1/10W 1W 1/10W 1/10W 1/10W	
R259 R261 R262 R263 R264 R265	1-216-065-00 1-216-065-00 1-216-039-00 1-216-073-00 1-216-073-00	METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE	4.7K 4.7K 390 10K 4.7	5555 555	1/10W 1/10W 1/10W 1/10W 1W F	ì	R560 R591	1-216-065-00 1-216-113-00 1-216-069-00 1-216-037-00 1-216-047-00	METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE	4.7K 470K 6.8K 330 820	5% 5% 5% 5%	1/10W 1/10W 1/10W 1/10W 1/10W	
R266 R267 R268 R269 R271	1-216-073-00 1-216-115-00 1-216-077-00 1-215-869-11 1-216-065-00 1-216-045-00	METAL GLAZE METAL GLAZE METAL GLAZE METAL OXIDE METAL GLAZE METAL GLAZE METAL GLAZE	10K 560K 15K 1K 4.7K 680	55555 5555 55555	1/10W 1/10W 1/10W 1/10W 1/10W	·	R594 R597	1-216-049-00 1-216-053-00 1-216-071-00 1-216-041-00 1-215-900-11 1-249-381-11	METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE METAL GXIDE CARBON	1 K 1.5 K 8.2 K 470 22 K	5% 5% 5% 5%	1/10W 1/10W 1/10W 1/10W 2W	F
R272	1-216-073-00	METAL GLAZE	10K	5%	1/10W			1-249-381-11	METAL OXIDE	2.2	5% 5%		F

The components identified by shæding and mark  $\hat{\Delta}$  are critical for safety.

Replace only with part number specified.

D	H1	H2	J1
		L	

REF.NO. PART NO.	DESCRIPTION		REMARK	REF.NO. PART NO. DESCRIPTION REMARK
R604 1-216-025-00 R605 1-216-081-00 R606 1-216-051-00	METAL 0XIDE 12 5 METAL GLAZE 100 5 METAL GLAZE 22K 5 METAL GLAZE 1.2K 5 METAL GLAZE 4.7K 5	% 3W 8 % 1/10W % 1/10W % 1/10W % 1/10W	F	RV501 1-238-013-11 RES, ADJ, CARBON 2.2K RV502 1-238-016-11 RES, ADJ, CARBON 10K RV601 1-238-011-11 RES, ADJ, CARBON 470
R610 1-244-941-00 R611 1-216-015-00	METAL OXIDE         18K         5           METAL GLAZE         18         5           CARBON         680K         5           METAL GLAZE         39         5           METAL GLAZE         1K         5	% 1/10W % 1/2W % 1/10W	r wiff.	<spark gap=""> SG801 1-519-422-11 GAP, SPARK  <thermistor></thermistor></spark>
R614 1-205-758-11 R616 1-216-099-00 R617 1-249-411-11	METAL GLAZE 100K 5 WIREWOUND 100 10 METAL GLAZE 120K 5 CARBON 330 5 METAL OXIDE 560 5	0% 10W F % 1/10W		THP601A 1-808-059-31 THERMISTOR, POSITIVE  ***********************************
R620 1-216-081-00 R621 1-216-077-00 R622 1-216-073-00	METAL GLAZE 10K 5 METAL GLAZE 22K 5 METAL GLAZE 15K 5 METAL GLAZE 10K 5 METAL GLAZE 22K 5	% 1/10W % 1/10W % 1/10W % 1/10W % 1/10W		*********  1-562-837-11 JACK  *!-564-512-11 PLUG, CONNECTOR 9P (KV-C2531D ONLY)  *I-568-879-51 PlN, CONNECTOR 4P  *1-568-881-51 PlN, CONNECTOR 6P
R625 1-215-865-11 R626 1-216-037-00 R628 1 216-001-00	METAL GLAZE 5.6K 5 METAL OXIDE 220 5 METAL GLAZE 330 5 METAL GLAZE 10 50 METAL GLAZE 330 50	% 1W F % 1/10W % 1/10W	<b>?</b>	1-569-473-11 JACK BLOCK, PIN 3P (KV-C2531D ONLY) <resistor></resistor>
R634 1-216-430-11 R635 1-216-073-00 R636 1-216-073-00	METAL GLAZE 1K 55 METAL OXIDE 390 55 METAL GLAZE 10K 55 METAL GLAZE 10K 55 WIREWOUND 0.12 55	% 1/10W % 1W F % 1/10W % 1/10W % 2W F		R1652 1-249-413-11 CARBON 470 5% 1/4W <switch></switch>
R653 1-205-758-11 R802 1-249-443-11 R805 1-249-448-11	METAL GLAZR 100 55 WIREWOUND 100 10 CARBON 0.47 55 CARBON 1.2 55 METAL GLAZE 68K 55	% 1/10W 0% 10W F % 1/4W F % 1/4W F % 1/10W	?	S1651 1-571-532-21 SWITCH, TACTIL S1652 1-571-532-21 SWITCH, TACTIL S1653 1-571-532-21 SWITCH, TACTIL ************************************
R810 1-202-818-00 S R811 1-215-882-00 F	SOLID 1.8K 10	0% 1/2W 0% 1/2W		*1-633-410-11 H2 BOARD *********  *1-568-882-51 PIN, CONNECTOR 7P *4-374-987-01 GUIDE, LIGHT *4-381-686-01 BRACKET (B), LIGHT GUIDE
R816 1-215-868-00 P R817 1-216-049-00 P R820 1-249-403-11 (	METAL OXIDE 47 5% METAL OXIDE 680 5% METAL GLAZE 1K 5% CARBON 68 5% CARBON 10K 5%		ì	<pre>D1651 8-719-948-31 D10DE LD-201VR</pre>
R825	FUSIBLE IN 5% METAL OXIDE 0.47 5% METAL GLAZE 100K 5% METAL GLAZE 10K 5% METAL GLAZE 2.7K 5%	% 1W F % 1/10W % 1/10W		D1652 8-719-948-31 D10DE LD-201VR *4-387-825-01 HOLDER, LED; D1652 D1654 8-719-948-31 D10DE LD-201VR *4-387-825-01 HOLDER, LED; D1654
R831 1-249-451-11 ( R1601 1-246-513-75 ( R1602 1-244-945-91 (	METAL GLAZE 1.2K 5% CARBON 2.2 5% CARBON 47K 5% CARBON 1M 5% VIREWOUND 2.7 10	( 1/4W ( 1/4W ( 1/2W		<1C> IC1651 8-741-138-70 IC BX-1387
R5501 1-216-073-00 M R5503 1-216-308-00 M	CARBON 47K 52 METAL GLAZE 8.2M 52 METAL GLAZE 10K 52 METAL GLAZE 4.7 52 METAL GLAZE 1M 52	∦ 1₩ ∦ 1/10₩ ∦ 1/10₩	· 英雄 第二次 《香·爾古斯·	<pre></pre>
R5505 1-216-001-00 M	METAL GLAZE 10 5%	( 1/10W		*A-1651-014-A J1 BOARD, COMPLETE ***********************************
<varí a<="" td=""><td>ABLE RESISTOR&gt;</td><td></td><td></td><td>1-561-534-41 SOCKET 21P *1-564-518-11 PLUG, CONNECTOR 3P</td></varí>	ABLE RESISTOR>			1-561-534-41 SOCKET 21P *1-564-518-11 PLUG, CONNECTOR 3P

REF.NO.	PART NO.	DESCRIPTION	1		REMARK	REF.NO.	PART NO.	DESCRIPTION			REMARK
	*1-564-524-11 *1-564-527-11 *1-566-641-11	PLUG, CONNEC PLUG, CONNEC CONNECTOR !	CTOR 91 <sup>a</sup> TOR 12P LINGE (TAR)	18P		C1429 C1430	1 136-017 00 1-163-003-11	CERAMIC CHIP	0.0047 <b>M</b> F 330PF	10%	50 V 50 V
		PACITUR :				C1432   C1433	1 126 529 11 1-124 902-00 1-124-122-11 1-163-009-11	BLECT BLECT	0.47MF 100MF	20% 20% 20% 10%	50 V 50 V 50 V 50 V
C203 C205 C206 C207	1-124-925-11 1-124-927-11 1-124-925-11	ELECT ELECT ELECT ELECT	2.2MF 4.7MF 2.2MF 4.7MF	20% 20% 20% 20%	50V 50V 50V 50V	C1437	1-163-009-11 1-106-367-00 1 106-367-00	CERAMIC CHIP		10% 10% 10%	50 v 400 v 400 v
C213	1-124-927-11 1-126-233-11 1-106-363-00	ELECT	22 <b>M</b> F	20% 10%	50 <b>V</b> 50 <b>V</b>	C1440 C1441	1-123-875-11 1-123-875-11 1-123-875-11	ELECT	10MF 10MF 0.1MF	20% 20% 20%	50V 50V 100V
C217 C218 C219 C220	1-106-363-00 1-106-375-12 1-106-375-12 1-108-620-11	MYLAR MYLAR MYLAR MYLAR	0.0068MF 0.0068MF 0.022MF 0.022MF 0.0033MF	10% 10% 10% 10%	400V 250V 250V 100V	1	1 106-220-00 1-124-910-11 1-102-824-00	MYLAR Flect Ceramic	0.1MF 47MF 470PF	10% 20% 5%	100V 50V 50V
C221 C222	1-108-620-11 1-106-385-00	MYLAR MYLAR	0.0033MF 0.056MF	10%	100V 100V	C1446 C1501	1 102 824 00 1 124 927 -11	CERAMIC ELECT	470PF 4.7 <b>M</b> F	5% 20%	50 V 50 V
C223 C224 C225	1-106-385-00 1-106-367-00 1-136-173-00	MYLAR MYLAR FILM	0.056MF 0.01MF 0.47MF	10% 10% 5%	100V 400V 50V	C1503 C1504	1-124-791-11 1-108-614-11 1-124-910-11 1-106-383-00	MYLAR Elect	1MF 0.001MF 47MF 0.047MF	20% 10% 20% 10%	50V 100V 50V 100V
C226 C227 C228	1-136-173-00 1-106-375-12 1-106-379-12	MYLAR	0.47MF 0.022MF 0.033MF	5 <b>%</b> 10 <b>%</b> 10%	50 <b>V</b> 250V 250V	C1507	1-108-620-11	MYLAR ELECT	0.0033MF	10% 20%	100 <b>V</b>
C229 C230	1-106-371-00 1-106-371-00	MYLAR MYLAR	0.015MF 0.015MF	10% 10%	400V 400V	C1509 C1511 C1512	1-124-791-11 1-124-927-11 1-106-363-00	ELECT Elect Mylar	1MF 4.7MF 0.0068MF	20% 20% 10%	50V 50V 400V
C231 C232 C233 C234 C235	1-124-902-00 1-123-875-11 1-163-005-11 1-163-005-11 1-163-005-11	ELECT ELECT CERAMIC CHIP CERAMIC CHIP CERAMIC CHIP	470PF	20% 20% 10% 10% 10%	50V 50V 50V 50V 50V	C1514	1-163-105-00 1-106-375-12 1-102-117-00	CERAMIC CHIP MYLAR CERAMIC	33PF 0.022MF 820PF	5% 10% 10%	50V 250V 50V
C236	1 162 005 11					i !					
C237	1-163-005-11 1-124-902-00	ELECT	0.47MF	10% 20%	50 <b>V</b> 50 <b>V</b>		<con< td=""><td>NECTOR&gt;</td><td></td><td></td><td></td></con<>	NECTOR>			
C237 C238 C239 C240	1-124-902-00	CERAMIC CHIP ELECT CERAMIC CHIP ELECT CERAMIC CHIP	0.47MF 220PF 470MF	10% 20% 5% 20% 10%	50 <b>V</b> 50 <b>V</b> 50V 16V 50V	CN1401	1-565-838-11	PIN JACK BLO	CK 2P		
C237 C238 C239	1-124-902-00 1-163-125-00 1-126-103-11 1-163-018-00	BLECT CERAMIC CHIP ELECT CERAMIC CHIP CERAMIC CHIP CERAMIC CHIP CERAMIC CHIP CERAMIC CHIP	0.47MF 220PF 470MF 0.0056MF 0.0056MF 0.022MF 0.022MF 0.022MF	20% 5% 20%	50 <b>V</b> 50 <b>V</b> 16 <b>V</b>	D201 D202 D205 D206	1-565-838-11 <d10 8-719-929-16 8-719-929-08 8-719-929-08 8-719-929-08</d10 	PIN JACK BLOG DES DIODE HZS9.11 DIODE HZS7.51 DIODE HZS7.51 DIODE HZS7.51	NB3 NB3 NB3 NB3		
C237 C238 C239 C240 C241 C242 C243 C244 C245 C1401 C1402 C1403 C1404	1-124-902-00 1-163-125-00 1-126-103-11 1-163-018-00 1-163-033-00 1-163-033-00 1-163-033-00 1-163-033-00 1-163-033-00 1-123-875-11 1-126-103-11	ELECT CERAMIC CHIP ELECT CERAMIC CHIP ELECT	0.47MF 220PF 470MF 0.0056MF 0.0026MF 0.022MF 0.022MF 0.022MF 0.022MF 10MF 470MF 330PF 0.1MF	20% 5% 20% 10% 10%	50V 50V 16V 50V 50V 50V 50V 50V 50V	D201 D202 D205 D206 D1401 D1404 D1405 D1407 D1408	1-565-838-11	PIN JACK BLOG DES  DIODE HZS9.11 DIODE HZS7.51	NB3 NB3 NB3 NB3 NB3 NB3 NB3		
C237 C238 C239 C240 C241 C242 C243 C244 C245 C1401 C1402 C1403 C1404 C1405 C1406 C1407 C1408 C1409	1-124-902-00 1-163-125-00 1-126-103-11 1-163-018-00 1-163-033-00 1-163-033-00 1-163-033-00 1-163-033-00 1-163-033-00 1-123-875-11 1-126-103-11 1-163-003-11 1-106-220-00 1-136-017-00 1-106-220-00 1-124-910-11 1-124-122-11	ELECT CERAMIC CHIP ELECT CERAMIC CHIP CERAMIC CHIP CERAMIC CHIP CERAMIC CHIP CERAMIC CHIP ELECT ELECT ELECT ELECT MYLAR	0.47MF 220PF 470MF 0.0056MF 0.0026MF 0.022MF 0.022MF 0.022MF 0.022MF 10MF 470MF 330PF 0.1MF	20% 5% 20% 10% 10%	50V 50V 16V 50V 50V 50V 50V 50V 50V 16V 50V 100V	D201 D202 D205 D206 D1401 D1404 D1405 D1408 D1409 D1410 D1410 D1418 D1418	1-565-838-11 8-719-929-16 8-719-929-16 8-719-929-08 8-719-929-08 8-719-929-08 8-719-929-16 8-719-929-16 8-719-929-16 8-719-929-16 8-719-929-16 8-719-929-18 8-719-929-18 8-719-929-18 8-719-929-08 8-719-929-08	DIODE HZS9.11 DIODE HZS9.51 DIODE HZS7.51 DIODE HZS7.51 DIODE HZS7.51 DIODE HZS7.51 DIODE HZS7.51 DIODE HZS7.51 DIODE HZS9.11 DIODE HZS9.11 DIODE HZS9.11 DIODE HZS9.51 DIODE HZS9.51 DIODE HZS9.51	NB3 NB3 NB3 NB3 NB3 NB3 NB3 NB3 NB3 NB3		
C237 C238 C239 C240 C241 C242 C243 C244 C245 C1401 C1402 C1403 C1404 C1405 C1406 C1407 C1408 C1409 C1410 C1411 C1412 C1413 C1414	1-124-902-00 1-163-125-00 1-126-103-11 1-163-018-00 1-163-033-00 1-163-033-00 1-163-033-00 1-163-033-00 1-163-033-00 1-123-875-11 1-126-103-11 1-163-003-11 1-106-220-00 1-124-910-11 1-124-122-11 1-126-233-11	ELECT CERAMIC CHIP ELECT CERAMIC CHIP CERAMIC CHIP CERAMIC CHIP CERAMIC CHIP CERAMIC CHIP ELECT ELECT ELECT ELECT MYLAR CERAMIC CHIP MYLAR ELECT	0.47MF 220PF 470MF 0.0056MF 0.0026MF 0.022MF 0.022MF 0.022MF 0.022MF 0.022MF 0.027MF 0.0047MF 470MF 330PF 0.1MF 0.1MF 47MF 100MF 47MF	20% 5% 20% 10% 10% 20% 10% 10%	50V 50V 50V 50V 50V 50V 50V 50V	D201 D202 D205 D206 D1401 D1404 D1405 D1407 D1409 D1415 D1419 D1419 D1420 D1422 D1423 D1423	1-565-838-11  8-719-929-16 8-719-929-16 8-719-929-08 8-719-929-08 8-719-929-08 8-719-929-08 8-719-929-16 8-719-929-16 8-719-929-16 8-719-929-16 8-719-929-08 8-719-929-16	PIN JACK BLOODE  DIODE HZS9.11 DIODE HZS7.51 DIODE HZS7.51 DIODE HZS7.51 DIODE HZS7.51 DIODE HZS7.51 DIODE HZS7.51 DIODE HZS9.11 DIODE HZS9.11 DIODE HZS9.11 DIODE HZS9.11 DIODE HZS7.51	NB3 NB3 NB3 NB3 NB3 NB3 NB3 NB3 NB3 NB3		
C237 C238 C239 C240 C241 C242 C243 C244 C245 C1401 C1402 C1403 C1404 C1405 C1406 C1407 C1408 C1407 C1410 C1411 C1412 C1413 C1411 C1412 C1413 C1414 C1415 C1416 C1417 C1418 C1419	1-124-902-00 1-163-125-00 1-126-103-11 1-163-018-00 1-163-033-00 1-163-033-00 1-163-033-00 1-163-033-00 1-163-033-00 1-163-033-11 1-126-103-11 1-126-103-11 1-124-910-11 1-124-910-11 1-124-910-11 1-124-910-11 1-124-910-11 1-124-910-11 1-124-910-11 1-124-910-11 1-124-910-11 1-123-875-11 1-123-875-11 1-123-875-11 1-123-875-11 1-123-875-11 1-123-875-11 1-123-875-11 1-124-910-11 1-124-910-11 1-124-910-11 1-124-910-11 1-124-910-11 1-124-910-11 1-163-200-00 1-164-200-00 1-164-200-11 1-163-003-11	BLECT CERAMIC CHIP ELECT CERAMIC CHIP CERAMIC CHIP CERAMIC CHIP CERAMIC CHIP CERAMIC CHIP ELECT	0.47MF 220PF 470MF 0.0056MF 0.0056MF 0.022MF 0.022MF 0.022MF 0.022MF 0.024MF 0.0047MF 0.1MF 470MF 100MF 22MF 10MF 47MF 10MF 47MF 10MF 0.1MF 47MF 10MF 0.1MF 47MF 10MF	20% 20% 10% 10% 10% 10% 20% 20% 20% 20% 20% 20% 20% 20% 20% 2	50V 50V 50V 50V 50V 50V 50V 50V	D201 D202 D205 D206 D1401 D1404 D1407 D1408 D1409 D1410 D1415 D1418 D1419 D1420 D1421 D1422 D1423 D1424 D1425 D1426 D1502 D1503	1-565-838-11  8-719-929-16 8-719-929-18 8-719-929-08 8-719-929-08 8-719-929-08 8-719-929-16 8-719-929-16 8-719-929-16 8-719-929-16 8-719-929-08 8-719-929-08 8-719-929-08 8-719-929-08 8-719-929-08 8-719-929-08	DIODE HZS9.11 DIODE HZS9.11 DIODE HZS9.51 DIODE HZS7.51 DIODE HZS7.51 DIODE HZS7.51 DIODE HZS7.51 DIODE HZS7.51 DIODE HZS9.11 DIODE HZS9.11 DIODE HZS9.11 DIODE HZS7.51	NB3 NB3 NB3 NB3 NB3 NB3 NB3 NB3 NB3 NB3		

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REF.N	G. PART NO.	DESCRIPTION				REMARK	REF.NO.	PART NO.	DESCRIPTION				RI																																																																																																																																																																								
D1504 D150	5 8-719-911-19 6 8-719-929-79 7 8-719-911-19 0 8-719-911-19	DIODE HZS361 DIODE ISSII	9 NB4 ) )				R247 R248	1-216-067-00 1-216-075-00 1-216-067-00 1-216-075-00 1-216-067-00	METAL GLAZE METAL GLAZE	5.6K 12K 5.6K 12K 5.6K	5% 5% 5%	1/10W 1/10W 1/10W 1/10W 1/10W																																																																																																																																																																									
10140 10140	<pre>10 1 8-759-013-17 01 8-752-032-27 02 8-759-946-32 03 8-759-040-53</pre>	IC TDA6200 IC CXA1114P IC TEA2014A	JP				R1402 R1403 R1404 R1405	1-216-170-00 1-216-089-00 1-216-178-00 1-249-429-11	METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE CARBON	82 68 47K 150 10K	5% 5% 5% 5%	1/10W 1/8W 1/10W 1/8W 1/4W																																																																																																																																																																									
	O1 8-759-942-16 <tr <="" td=""><td></td><td></td><td>C</td><td></td><td></td><td>R1408 R1409 R1410</td><td>1-216-113-00 1-216-089-00 1-216-041-00 1-216-089-00 1-216-041-00</td><td>METAL GLAZE METAL GLAZE METAL GLAZE</td><td>470K 47K 470 47K 470</td><td>5% 5% 5% 5%</td><td>1/10W 1/10W 1/10W 1/10W 1/10W</td><td></td></tr> <tr><td>Q202 Q1401 Q1402 Q1403</td><td>8-729-271-22 8-729-216-22 8-729-271-22 8-729-119-78</td><td>TRANSISTOR 2 TRANSISTOR 2 TRANSISTOR 2 TRANSISTOR 2</td><td>2SC2712- 2SA1162- 2SC2712- 2SC2785-</td><td>-G -G -G -HFE</td><td></td><td></td><td>R1412 R1413 R1414 R1415 R1416</td><td>1-216-041-00 1-216-089-00 1-216-113-00 1-216-089-00 1-216-083-00 1-216-083-00 1-216-023-00</td><td>METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE</td><td>47K 470K 47K 27K 27K</td><td>5% 5% 5% 5%</td><td>1/10W 1/10W 1/10W 1/10W 1/10W</td><td></td></tr> <tr><td></td><td></td><td>SISTOR&gt;</td><td></td><td></td><td></td><td></td><td>R1418</td><td>1-247-738-11</td><td>CARBON METAL GLAZE METAL GLAZE</td><td>82 82 100 47K</td><td>5% 5% 5% 5%</td><td>1/10W 1/2W F 1/10W 1/10W</td><td>F</td></tr> <tr><td>R201 R202 R203 R204 R205</td><td>1-216-079-00 1-216-206-00 1-216-075-00 1-216-085-00 1-216-085-00</td><td>METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE</td><td>18K 2.2K 12K 33K 33K</td><td>5% 5% 5% 5%</td><td>1/10W 1/8W 1/10W 1/10W 1/10W</td><td></td><td>R1425 R1426 R1427</td><td>1-216-089-00 1-216-089-00 1-216-089-00 1-216-049-00 1-216-025-00 1-216-011-00</td><td>METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE</td><td>47K 1K 100 10 470K</td><td>5% 5% 5% 5%</td><td>1/10W 1/10W 1/10W 1/10W</td><td></td></tr> <tr><td>R206 R207 R208 R209 R210</td><td>1-216-061-00 1-216-061-00 1-216-077-00 1-216-081-00 1-216-077-00</td><td>METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE</td><td>3.3K 3.3K 15K 22K 15K</td><td>5% 5% 5% 5%</td><td>1/10W</td><td></td><td>R1429</td><td>1-216-113-00 1-216-113-00 1-216-170-00 1-216-041-00 1-216-041-00</td><td>METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE</td><td>470K 470K 68 470 470</td><td>5% 5% 5% 5%</td><td>1/10W 1/10W 1/8W 1/10W 1/10W</td><td></td></tr> <tr><td>R211 R212 R213 R214</td><td>1-216-097-00 1-216-081-00 1-216-077-00 1-216-033-00</td><td>METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE</td><td>100K 22K 15K 220</td><td>5% 5% 5% 5%</td><td>1/10W 1/10W 1/10W 1/10W</td><td></td><td>R1434 R1437 R1440</td><td>1-216-033-00 1-249-393-11 1-249-429-11 1-216-045-00</td><td>METAL GLAZE CARBON CARBON METAL GLAZE</td><td>220 10 10K 680</td><td>5% 5% 5% 5%</td><td>1/10W 1/4W F 1/4W 1/10W</td><td>7</td></tr> <tr><td>R215 R216 R217 R218</td><td>1-216-033-00</td><td>METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE</td><td>22K 22K 15K 220</td><td>5% 5% 5% 5%</td><td>1/10W 1/10W 1/10W 1/10W</td><td></td><td>R1441 R1442 R1443</td><td>1-216-045-00 1-216-089-00 1-216-089-00</td><td>METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE</td><td>680 47K 47K 220</td><td>5% 5%</td><td>1/10W 1/10W 1/10W 1/10W</td><td></td></tr> <tr><td>R219 R220 R221 R222</td><td>1-216-073-00 1-216-057-00 1-216-041-00 1-216-041-00</td><td>METAL GLAZE METAL GLAZE</td><td>2.2K 470 470</td><td>5% 5%</td><td>1/10W 1/10W</td><td></td><td>R1448</td><td>1-216-033-00 1-216-095-00 1-216-033-00 1-216-033-00 1-216-025-00</td><td>METAL GLAZE</td><td>82K 220 220 100</td><td>5% 5%</td><td>1/10W 1/10W 1/10W 1/10W</td><td></td></tr> <tr><td>R223 R224 R225 R226 R227</td><td>1-216-049-00 1-216-049-00 1-216-049-00</td><td>METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE</td><td>1 K 1 K 1 K</td><td>5% 5% 5% 5%</td><td>1/10W 1/10W 1/10W</td><td></td><td>R1453 R1454 R1455</td><td>1-216-049-00 1-216-049-00 1-216-180-00 1-216-180-00 1-216-025-00</td><td>METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE</td><td>1K 1K 180 180 100</td><td>5% 5% 5% 5%</td><td>1/10W 1/10W 1/8W 1/8W 1/10W</td><td></td></tr> <tr><td>R228 R229 R230 R231</td><td>1-216-033-00 1-216-033-00 1-216-075-00 1-216-079-00 1-216-073-00</td><td>METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE</td><td>220 220 12K 18K</td><td>5% 5% 5%</td><td>1/10W 1/10W 1/10W 1/10W</td><td></td><td>R1460 R1461 R1462</td><td>1-216-025-00 1-216-065-00 1-216-190-00 1-216-057-00 1-216-055-00</td><td>METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE</td><td>100 4.7K 470 2.2K 1.8K</td><td>5% 5% 5% 5%</td><td>1/10W 1/10W 1/8W 1/10W 1/10W</td><td></td></tr> <tr><td>R232 R233 R234 R240</td><td>1-216-073-00 1-216-057-00 1-216-057-00 1-216-033-00</td><td>METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE</td><td>10K 2.2K 2.2K 220</td><td>5% 5% 5% 5%</td><td>1/10W 1/10W 1/10W 1/10W</td><td></td><td>R1464 R1465 R1466</td><td>1-216-059-00 1-216-059-00 1-216-023-00 1-216-033-00 1-216-025-00</td><td>METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE</td><td>2.7K 82 220 100</td><td>5% 5% 5%</td><td>1/10W 1/10W 1/10W 1/10W</td><td></td></tr> <tr><td>R241 R242 R243 R244 R245</td><td>1-216-091-00 1-216-091-00 1-216-075-00 1-216-067-00 1-216-075-00</td><td>METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE</td><td>56K 56K 12K 5.6K 12K</td><td>5%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%</td><td>1/10W 1/10W 1/10W 1/10W 1/10W</td><td></td><td>R1468 R1469 R1470 R1471</td><td>1-216-025-00 1-216-025-00 1-216-025-00 1-216-023-00</td><td>METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE</td><td>100 100 100 82 82</td><td>5% 5% 5% 5% 5% 5% 5%</td><td>1/10W 1/10W 1/10W 1/10W 1/10W</td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td><td>1</td><td>11.14.17</td><td>1-216-023-00</td><td>METAL GLAZE</td><td>04</td><td>) h</td><td>1/10W</td><td></td></tr>			C			R1408 R1409 R1410	1-216-113-00 1-216-089-00 1-216-041-00 1-216-089-00 1-216-041-00	METAL GLAZE METAL GLAZE METAL GLAZE	470K 47K 470 47K 470	5% 5% 5% 5%	1/10W 1/10W 1/10W 1/10W 1/10W		Q202 Q1401 Q1402 Q1403	8-729-271-22 8-729-216-22 8-729-271-22 8-729-119-78	TRANSISTOR 2 TRANSISTOR 2 TRANSISTOR 2 TRANSISTOR 2	2SC2712- 2SA1162- 2SC2712- 2SC2785-	-G -G -G -HFE			R1412 R1413 R1414 R1415 R1416	1-216-041-00 1-216-089-00 1-216-113-00 1-216-089-00 1-216-083-00 1-216-083-00 1-216-023-00	METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE	47K 470K 47K 27K 27K	5% 5% 5% 5%	1/10W 1/10W 1/10W 1/10W 1/10W				SISTOR>					R1418	1-247-738-11	CARBON METAL GLAZE METAL GLAZE	82 82 100 47K	5% 5% 5% 5%	1/10W 1/2W F 1/10W 1/10W	F	R201 R202 R203 R204 R205	1-216-079-00 1-216-206-00 1-216-075-00 1-216-085-00 1-216-085-00	METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE	18K 2.2K 12K 33K 33K	5% 5% 5% 5%	1/10W 1/8W 1/10W 1/10W 1/10W		R1425 R1426 R1427	1-216-089-00 1-216-089-00 1-216-089-00 1-216-049-00 1-216-025-00 1-216-011-00	METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE	47K 1K 100 10 470K	5% 5% 5% 5%	1/10W 1/10W 1/10W 1/10W		R206 R207 R208 R209 R210	1-216-061-00 1-216-061-00 1-216-077-00 1-216-081-00 1-216-077-00	METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE	3.3K 3.3K 15K 22K 15K	5% 5% 5% 5%	1/10W		R1429	1-216-113-00 1-216-113-00 1-216-170-00 1-216-041-00 1-216-041-00	METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE	470K 470K 68 470 470	5% 5% 5% 5%	1/10W 1/10W 1/8W 1/10W 1/10W		R211 R212 R213 R214	1-216-097-00 1-216-081-00 1-216-077-00 1-216-033-00	METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE	100K 22K 15K 220	5% 5% 5% 5%	1/10W 1/10W 1/10W 1/10W		R1434 R1437 R1440	1-216-033-00 1-249-393-11 1-249-429-11 1-216-045-00	METAL GLAZE CARBON CARBON METAL GLAZE	220 10 10K 680	5% 5% 5% 5%	1/10W 1/4W F 1/4W 1/10W	7	R215 R216 R217 R218	1-216-033-00	METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE	22K 22K 15K 220	5% 5% 5% 5%	1/10W 1/10W 1/10W 1/10W		R1441 R1442 R1443	1-216-045-00 1-216-089-00 1-216-089-00	METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE	680 47K 47K 220	5% 5%	1/10W 1/10W 1/10W 1/10W		R219 R220 R221 R222	1-216-073-00 1-216-057-00 1-216-041-00 1-216-041-00	METAL GLAZE METAL GLAZE	2.2K 470 470	5% 5%	1/10W 1/10W		R1448	1-216-033-00 1-216-095-00 1-216-033-00 1-216-033-00 1-216-025-00	METAL GLAZE	82K 220 220 100	5% 5%	1/10W 1/10W 1/10W 1/10W		R223 R224 R225 R226 R227	1-216-049-00 1-216-049-00 1-216-049-00	METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE	1 K 1 K 1 K	5% 5% 5% 5%	1/10W 1/10W 1/10W		R1453 R1454 R1455	1-216-049-00 1-216-049-00 1-216-180-00 1-216-180-00 1-216-025-00	METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE	1K 1K 180 180 100	5% 5% 5% 5%	1/10W 1/10W 1/8W 1/8W 1/10W		R228 R229 R230 R231	1-216-033-00 1-216-033-00 1-216-075-00 1-216-079-00 1-216-073-00	METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE	220 220 12K 18K	5% 5% 5%	1/10W 1/10W 1/10W 1/10W		R1460 R1461 R1462	1-216-025-00 1-216-065-00 1-216-190-00 1-216-057-00 1-216-055-00	METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE	100 4.7K 470 2.2K 1.8K	5% 5% 5% 5%	1/10W 1/10W 1/8W 1/10W 1/10W		R232 R233 R234 R240	1-216-073-00 1-216-057-00 1-216-057-00 1-216-033-00	METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE	10K 2.2K 2.2K 220	5% 5% 5% 5%	1/10W 1/10W 1/10W 1/10W		R1464 R1465 R1466	1-216-059-00 1-216-059-00 1-216-023-00 1-216-033-00 1-216-025-00	METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE	2.7K 82 220 100	5% 5% 5%	1/10W 1/10W 1/10W 1/10W		R241 R242 R243 R244 R245	1-216-091-00 1-216-091-00 1-216-075-00 1-216-067-00 1-216-075-00	METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE	56K 56K 12K 5.6K 12K	5%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%	1/10W 1/10W 1/10W 1/10W 1/10W		R1468 R1469 R1470 R1471	1-216-025-00 1-216-025-00 1-216-025-00 1-216-023-00	METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE	100 100 100 82 82	5% 5% 5% 5% 5% 5% 5%	1/10W 1/10W 1/10W 1/10W 1/10W								1	11.14.17	1-216-023-00	METAL GLAZE	04	) h	1/10W	
		C			R1408 R1409 R1410	1-216-113-00 1-216-089-00 1-216-041-00 1-216-089-00 1-216-041-00	METAL GLAZE METAL GLAZE METAL GLAZE	470K 47K 470 47K 470	5% 5% 5% 5%	1/10W 1/10W 1/10W 1/10W 1/10W																																																																																																																																																																											
Q202 Q1401 Q1402 Q1403	8-729-271-22 8-729-216-22 8-729-271-22 8-729-119-78	TRANSISTOR 2 TRANSISTOR 2 TRANSISTOR 2 TRANSISTOR 2	2SC2712- 2SA1162- 2SC2712- 2SC2785-	-G -G -G -HFE			R1412 R1413 R1414 R1415 R1416	1-216-041-00 1-216-089-00 1-216-113-00 1-216-089-00 1-216-083-00 1-216-083-00 1-216-023-00	METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE	47K 470K 47K 27K 27K	5% 5% 5% 5%	1/10W 1/10W 1/10W 1/10W 1/10W																																																																																																																																																																									
		SISTOR>					R1418	1-247-738-11	CARBON METAL GLAZE METAL GLAZE	82 82 100 47K	5% 5% 5% 5%	1/10W 1/2W F 1/10W 1/10W	F																																																																																																																																																																								
R201 R202 R203 R204 R205	1-216-079-00 1-216-206-00 1-216-075-00 1-216-085-00 1-216-085-00	METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE	18K 2.2K 12K 33K 33K	5% 5% 5% 5%	1/10W 1/8W 1/10W 1/10W 1/10W		R1425 R1426 R1427	1-216-089-00 1-216-089-00 1-216-089-00 1-216-049-00 1-216-025-00 1-216-011-00	METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE	47K 1K 100 10 470K	5% 5% 5% 5%	1/10W 1/10W 1/10W 1/10W																																																																																																																																																																									
R206 R207 R208 R209 R210	1-216-061-00 1-216-061-00 1-216-077-00 1-216-081-00 1-216-077-00	METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE	3.3K 3.3K 15K 22K 15K	5% 5% 5% 5%	1/10W		R1429	1-216-113-00 1-216-113-00 1-216-170-00 1-216-041-00 1-216-041-00	METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE	470K 470K 68 470 470	5% 5% 5% 5%	1/10W 1/10W 1/8W 1/10W 1/10W																																																																																																																																																																									
R211 R212 R213 R214	1-216-097-00 1-216-081-00 1-216-077-00 1-216-033-00	METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE	100K 22K 15K 220	5% 5% 5% 5%	1/10W 1/10W 1/10W 1/10W		R1434 R1437 R1440	1-216-033-00 1-249-393-11 1-249-429-11 1-216-045-00	METAL GLAZE CARBON CARBON METAL GLAZE	220 10 10K 680	5% 5% 5% 5%	1/10W 1/4W F 1/4W 1/10W	7																																																																																																																																																																								
R215 R216 R217 R218	1-216-033-00	METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE	22K 22K 15K 220	5% 5% 5% 5%	1/10W 1/10W 1/10W 1/10W		R1441 R1442 R1443	1-216-045-00 1-216-089-00 1-216-089-00	METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE	680 47K 47K 220	5% 5%	1/10W 1/10W 1/10W 1/10W																																																																																																																																																																									
R219 R220 R221 R222	1-216-073-00 1-216-057-00 1-216-041-00 1-216-041-00	METAL GLAZE METAL GLAZE	2.2K 470 470	5% 5%	1/10W 1/10W		R1448	1-216-033-00 1-216-095-00 1-216-033-00 1-216-033-00 1-216-025-00	METAL GLAZE	82K 220 220 100	5% 5%	1/10W 1/10W 1/10W 1/10W																																																																																																																																																																									
R223 R224 R225 R226 R227	1-216-049-00 1-216-049-00 1-216-049-00	METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE	1 K 1 K 1 K	5% 5% 5% 5%	1/10W 1/10W 1/10W		R1453 R1454 R1455	1-216-049-00 1-216-049-00 1-216-180-00 1-216-180-00 1-216-025-00	METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE	1K 1K 180 180 100	5% 5% 5% 5%	1/10W 1/10W 1/8W 1/8W 1/10W																																																																																																																																																																									
R228 R229 R230 R231	1-216-033-00 1-216-033-00 1-216-075-00 1-216-079-00 1-216-073-00	METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE	220 220 12K 18K	5% 5% 5%	1/10W 1/10W 1/10W 1/10W		R1460 R1461 R1462	1-216-025-00 1-216-065-00 1-216-190-00 1-216-057-00 1-216-055-00	METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE	100 4.7K 470 2.2K 1.8K	5% 5% 5% 5%	1/10W 1/10W 1/8W 1/10W 1/10W																																																																																																																																																																									
R232 R233 R234 R240	1-216-073-00 1-216-057-00 1-216-057-00 1-216-033-00	METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE	10K 2.2K 2.2K 220	5% 5% 5% 5%	1/10W 1/10W 1/10W 1/10W		R1464 R1465 R1466	1-216-059-00 1-216-059-00 1-216-023-00 1-216-033-00 1-216-025-00	METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE	2.7K 82 220 100	5% 5% 5%	1/10W 1/10W 1/10W 1/10W																																																																																																																																																																									
R241 R242 R243 R244 R245	1-216-091-00 1-216-091-00 1-216-075-00 1-216-067-00 1-216-075-00	METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE	56K 56K 12K 5.6K 12K	5%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%	1/10W 1/10W 1/10W 1/10W 1/10W		R1468 R1469 R1470 R1471	1-216-025-00 1-216-025-00 1-216-025-00 1-216-023-00	METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE	100 100 100 82 82	5% 5% 5% 5% 5% 5% 5%	1/10W 1/10W 1/10W 1/10W 1/10W																																																																																																																																																																									
						1	11.14.17	1-216-023-00	METAL GLAZE	04	) h	1/10W																																																																																																																																																																									

# J1 J2 IFG

REF.NG. PART NG.	DESCRIPTION			REMARK	REF.NO.	. PART No.	DESCRIPTION			REMARK
R1473 1-216-023-00 R1474 1-216-113-00	METAL GLAZE & METAL GLAZE &	82 5% 4 <b>7</b> 0K 5% 4 <b>7</b> K 5%	1/10W 1/10W			1 412 240 !!		v.		
R1476 1-216-089-00 R1477 1-216-089-00 R1478 1-216-113-00	METAL GLAZE (	47K 5% 47K 5% 470K 5%	1/10W 1/10W		1	*A-1654-003-A	i EG BOARD, C	OMPLETE		******
R1480 1-216-190-00 R1482 1-216-178-00 R1483 1-216-178-00	METAL GLAZE 1 METAL GLAZE 1	470 5% 150 5% 150 5% 10K 5%	17,00		1	*1-565-488-11	CONNECTOR. B	SARD TO BOA		
R1484 1-216-073-00 R1485 1-216-073-00	METAL GLAZE METAL GLAZE	10K 5% 10K 5%	1/10W 1/10W		1 1	s CAP	ACT TOB>			
R1486 1-216-073-00 R1487 1-216-065-00 R1488 1-216-065-00 R1489 1-216-065-00 R1501 1-216-081-00	METAL GLAZE 4 METAL GLAZE 4 METAL GLAZE 4	10K 5% 4.7K 5% 4.7K 5% 4.7K 5% 22K 5%	1/10W 1/10W 1/10W 1/10W 1/10W		C1 C2 C3 C4	1-164-232-11 1-164-232-11 1-164-232-11 1-164-232-11 1-164-232-11	CERAMIC CHIP CERAMIC CHIP CERAMIC CHIP CERAMIC CHIP CERAMIC CHIP	0.01MF 0.01MF 0.01MF 0.01MF 0.01MF		50V 50V 50V 50V 50V
R1502 1-216-083-00 R1503 1-216-113-00 R1504 1-216-085-00 R1505 1-216-081-00 R1506 1-216-113-00	METAL GLAZE 4 METAL GLAZE 3 METAL GLAZE 2	27K 5% 479K 5% 33K 5% 22K 5% 470K 5%	:/10W 1/10W 1/10W 1/10W 1/10W		06 07 08 09 010	1 164-232-11 1-124-791-11 1-123-875-11 1-130-471-00 1-163-121-00	CERAMIC CHIP BLECT ELECT MYLAR	0.01MF 1MF 10MF 0.001MF	20% 20% 10% 5%	50V 50V 50V 50V 50V
R1509	METAL GLAZE 5 METAL GLAZE 1 METAL GLAZE 1	220K 5% 5.6K 5% IK 5% IOK 5%	1/10W 1/10W 1/10W 1/10W 1/10W		C11 C12 C13 C14	1-163 119-00 1-136-298-00 1-124-477-11 1-124-477-11 1-124-477-11	FILM Elect	120PF 0.0033MF 47MF 47MF 47MF	5% 2% 20% 20% 20%	50V 100V 16V 16V 16V
R1514 1-216-049-00 R1515 I 216 117-00 R1516 1-216-079-00 R1517 1-216-033-00 R1519 1-216-101-00	METAL GLAZE 6	K	1/10W 1/10W 1/10W 1/10W 1/10W		C16 C17 C18 C19 C20	1 124 477 11 1 123 875 11 1 106 367 00 1 106 367 00 1 126 233 11	ELECT MYLAR MYLAR ELECT	47MF 10MF 0.01MF 0.01MF 22MF	20% 20% 10% 10% 20%	16V 50V 400V 400V 50V
R1520 1-216-113-00 R1521 1-216-214-00 R1556 1-216-067-00	METAL GLAZE 5	5.6K 5%	1/10W 1/8W 1/10W		C21 C22 C23	1-126-233-11 1-106-220-00 1-106-228-00 1-124-963-11 1-106-375-12	ELECT MYLAR MYLAR ELECT	22MF 0.1MF 0.22MF 33MF 0.022MF	20% 10% 10% 20% 10%	50V 100V 100V 16V 250V
<pre><vah 1-238-023-11<="" pre="" rv1501=""></vah></pre>	RIABLE RESISTOR> RES ADJ CARRO	IN 470K			C26	1-106-383-00 1-124-791-11	DI DAM	0.047MF 1MF	10% 20%	100V 50 <b>V</b>
RV1502 1-228-994-00 RV1503 1-238-017-11 RV1504 1-238-012-11 RV1505 1-238-023-11	RES, ADJ, CARBO RES, ADJ, CARBO RES, ADJ, CARBO RES, ADJ, CARBO	IN 10K IN 22K IN 1K			C28 C29 C30	1-163-103-00 1-124-791-11 1-124-791-11	CERAMIC CHIP ELECT ELECT	27PF 1MF 1MF	5% 20% 20%	50V 50V 50V
RV1506 1-238-017-11 RV1507 1-238-009-11 RV1508 1-238-016-11 RV1509 1-238-023-11	RES, ADJ, CARBO RES, ADJ, CARBO RES, ADJ, CARBO	N TOK			C31 C32 C33 C34 C35	1-106-367-00 1-130-479-00 1-163-081-00 1-106-228-00 1-123-875-11	MYLAR CERAMIC CHIP	0.0047MF	10% 5% 10% 20%	400V 50V 25V 100V 50V
**************************************		******	*******	******	C36 C37 C38	1-163-119-00 1-124-477-11 1-124-477-11	CERAMIC CHIP BLBCT ELECT	120PF 47MF 47MF	5% 20% 20%	50V 16V 16V
-1-537-088-21 *1-560-278-21	TERMINAL BOARD, PLUG. CONNECTOR	1NPUT/00 4P	TPUT			<ptl'< td=""><td>rer&gt;</td><td></td><td></td><td></td></ptl'<>	rer>			
*1-564-517-11 *1-564-519-11	PLUG, CONNECTOR PLUG, CONNECTOR			 	CDA1 CDA2 SFTI SFT2	1-404-751-11 1-404-750-11 1-527-840-00 1-527-839-00	DISCRIMINATUR FILTER, CERAN	R, CERAMIC MIC		
	ACITOR	A A A ME	_		0.12					
C1751 1-101-005-00 C1752 1-101-005-00 C1755 1-102-114-00 C1756 1-102-114-00	CERAMIC 0. CERAMIC 47	022MF 022MF 0PF 0PF	10%	50V 50V 50V	D3	< D10l 8-719-400-18		′.		
< CO1	L>			! !		<1C>				
L1751 1-412-240-11		BAND		; ! !	1 C 1 1 C 2	8-759-003-90 8-759-003-90				

The components identified by hading and mark A are critital for safety.
Replace only with part number ipecified.

	REF NO.	PART NO.	DESCRIPTION		REMARK
	IC3 IC4	8:759-030-48 8-759-946-99	IC TDA6600-2 IC TDA2595-V7	,	
		<c01< th=""><th>L&gt;</th><th></th><th></th></c01<>	L>		
	L1 L2 L3 L4 L5	1-408-410-00 1-408-410-00 1-410-064-11 1-408-421-00 1-408-421-00	INDUCTOR INDUCTOR INDUCTOR INDUCTOR INDUCTOR	12UH 12UH 2.7MMH 100UH 100UH	
		<tra< th=""><th>NS!STOR&gt;</th><th></th><th></th></tra<>	NS!STOR>		
	Q2 Q3 Q4	8-729-901-00 8-729-216-22 8-729-901-00	TRANSISTOR DT TRANSISTOR 2S TRANSISTOR DT	A1162-G	
		RES	ISTOR>		
•	JR8 JR10 R1 R2 R3	1-216-296-00 1-216-296-00 1-216-045-00 1-216-043-00 1-216-043-00	METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE	0 5% 0 5% 680 5% 560 5% 560 5%	1/8W 1/8W 1/10W 1/10W 1/10W
	R5 R6 R7 R9 R10	1-216-045-00 1-216-043-00 1-216-043-00 1-216-073-00 1-216-077-00	METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE	680 5% 560 5% 560 5% 10K 5% 15K 5%	1/10W 1/10W 1/10W 1/10W 1/10W
	R11 R12 R15 R16 R17	i-216-097-00 l-216-097-00 l-216-059-00 l-216-097-00 l-216-097-00	METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE	100K 5% 100K 5% 2.7K 5% 100K 5% 100K 5%	1/10W 1/10W 1/10W 1/10W 1/10W
	R18 R19 R20 R22 R24	1-216-063-00 1-216-097-00 1-216-075-00 1-216-099-00 1-216-089-00	METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE	3.9K 5% 100K 5% 12K 5% 120K 5% 47K 5%	1/10W 1/10W 1/10W 1/10W 1/10W
	R25	1-216-077-00	METAL GLAZE	15K 5%	1/10W
		< VAR	LABLE RESISTOR	>	
ŗ	RV1 RV2	1-238-016-11 1-238-019-11	RES, ADJ. CAR RES, ADJ. CAR	BON 10K BON 47K	
	******			*********	: * * * * * * * * * * * * * * * * * * *
			CELLANEOUS ********		
	<b>A</b> .	1-236-510-11 .1-426-372-11 .1-451-311-21 1-452-032-00 1-452-094-00	NETWORK, DIVI COIL, DEMAGNE DEFLECTION YO MAGNET, DISK; MAGNET, ROTAT	TIZATION KE (Y25FXA) 10MM Ø	
	<b>∆</b> .	1-503-642-41 1-544-146-11 1-544-147-11 1-575-487-11	SPEAKER (KV-C SPEAKER (KV-C SPEAKER (KV-C CORD, POWER (W	2531D ONLY) 2531D ONLY)	UTER)" ("See See See
	V901 <b>∆</b> .	8-733-224-05	PICTURE TUBE	(A59JWC60X)	

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## IFG

### ACCESSORIES AND PACKING MATERIALS

PART NO.	DESCRIPTION	REMARK
1-465-363-11 <b>4-200-241-11</b> <b>4-200-262-11</b> <b>*4-200-236-01</b> <b>*4-200-237-01</b> <b>*4-200-238-01</b>	COMMANDER, REMOTE (RM-689) MANUAL, INSTRUCTION MANUAL, INSTRUCTION (KV-C2 CUSHION (UPPER) (ASSY) INDIVIDUAL CARTON CUSHION, LOWER	(KV-C2521D ONLY) 2531D ONLY)
*4-381-155-01	BAG, PROTECTION	